Notices

Fractal structures are found as explanatory models for chemical reactions, in crystal growth and in the formation of mixtures, For example if you add a drop of color solution to a glass of water.

NOTICES OF THE NIGERIAN MATHEMATICAL SOCIETY

CONTENTS

HIS EXCELLENCY

MUHAMMADU BUHARI *GCFR*

PRESIDENT, COMMANDER-IN-CHIEF OF THE ARMED FORCES
FEDERAL REPUBLIC OF NIGERIA

HIS EXCELLENCY

PROF. YEMI OSINBAJO *SAN*
VICE PRESIDENT
FEDERAL REPUBLIC OF NIGERIA
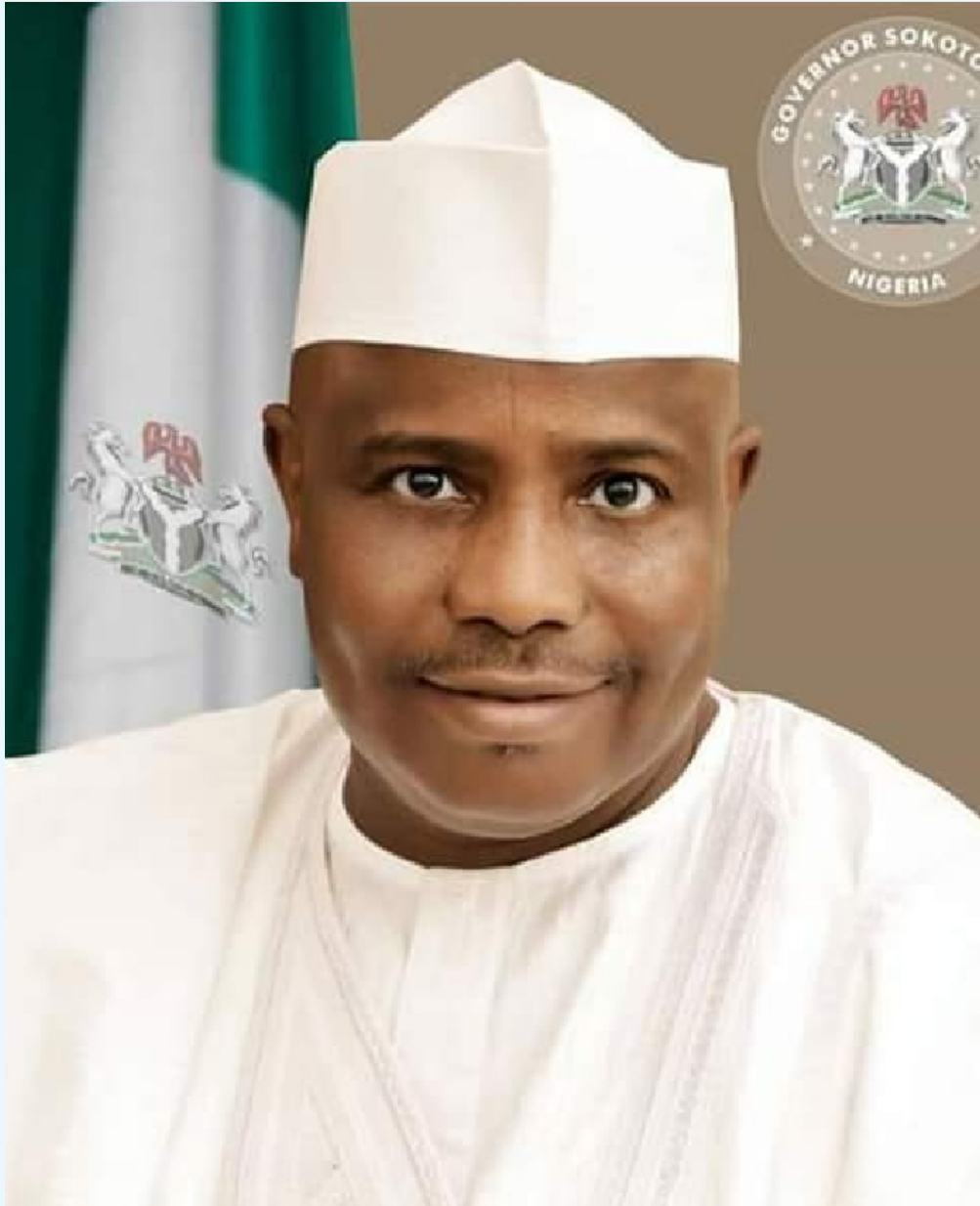
HIS EXCELLENCY

RT. HON. AMINU WAZIRI TAMBUWAL *CFR*
(MUTAWALLEN SOKOTO)
GOVERNOR, SOKOTO STATE

PROF. L. S. BILBIS *(B.Sc., PhD)*
VICE CHANCELLOR
USMANU DANFODIYO UNIVERSITY, SOKOTO

PROF. BASHIR ALI
THE PRESIDENT OF THE
NIGERIAN MATHEMATICAL SOCIETY (NMS)

COUNCIL MEMBERS (2019-2022)
THE NIGERIAN MATHEMATICAL SOCIETY

	NAME	POST	INSTITUTION
1.	Prof. Bashir Ali	President	Bayero University, Kano (BUK)
2.	Prof. G. C. E. Mbah	Vice President	University of Nigeria, Nsukka
3.	Prof. O. J. Adeniran	Secretary	Federal University of Agriculture, Abeokuta
4.	Dr. T. T. Ashezua	Asst. Secretary	Federal University of Agriculture, Makurdi
5.	Dr. Sirajo Abdulrahman	Business Manager	Federal University, Birnin-Kebbi
6.	Prof. S. S. Okoya	Editor-in-Chief	Obafemi Awolowo University, Ile-Ife
7.	Prof. H. O. Adagba	Treasurer	Ebonyi State University, Abakaliki
8.	Dr. Tertsegha Tivde	Ex-Officio	Federal University of Agriculture, Makurdi
9.	Dr. O Fadipe-Joseph	Ex-Officio	University of Ilorin, Ilorin
10.	Prof. N. I. Akinwande	Immediate Past President	Federal University of Technology, Minna
11.	Dr (Mrs) D. O. Makinde	Member	Obafemi Awolowo University, Ile-Ife
12.	Prof. Promise Mebine	Member	National Mathematical Centre, Abuja

Prof. Bashir Ali **Prof. G. C. E. Mbah** **Prof. O. J. Adeniran** **Dr. T. T. Ashezua** **Dr. Sirajo Abdulrahman** **Prof. S. S. Okoya** *FNMS, FMAN*

Prof. H.O. Adagba **Dr. Tertsegha Tivde** **Dr. O. Fadipe-Joseph** **Prof. N. I. Akinwande** *FNMS* **Dr (Mrs) D. O. Makinde** **Prof. Promise Mebine**

LIST OF FELLOWS OF THE NMS

In retrospect, the NMS has made awards of fellow to a number of mathematicians at home and abroad for their meritorious service towards the advancement of mathematics in Nigeria and abroad.

2015 RECIPIENTS

1. Professor Iya ABUBAKAR *(FNMS)*
2. Pastor Enoch Adejare ADEBOYE *(FNMS)*
3. Late Professor James Nwoye ADICHIE *(FNMS)*
4. Professor Eben Akin AKINRELERE *(FNMS)*
5. Professor Samuel Akindiji ILORI *(FNMS)*
6. Late Professor Olusola AKINYELE *(FNMS)*
7. Professor John Chukwuemeka AMAZIGO *(FNMS)*
8. Late Professor Sunday Osarumwense IYAHEN *(FNMS)*
9. Late Professor Monsur Akangbe KENKU *(FNMS)*
10. Late Professor Aderemi Oluyomi KUKU *(FNMS)*
11. Late Professor Emmanuel Oguntokun OSHOBI *(FNMS)*
12. Professor Kevin Ejere OSONDU *(FNMS)*

2016 RECIPIENTS

13. Professor Kayode Rufus ADEBOYE *(FNMS)*
14. Late Professor Anthony Uyi AFUWAPE *(FNMS)*
15. Professor Michael Olusanya AJETUNMOBI *(FNMS)*
16. Professor Ninuola Ifeoluwa AKINWANDE *(FNMS)*
17. Late Professor Ufot Isaac ASIBONG *(FNMS)*
18. Late Professor Charles Ejikeme CHIDUME *(FNMS)*
19. Professor Godwin O. Samuel EKHAGUERE *(FNMS)*
20. Professor Jacob Abiodun GBADEYAN *(FNMS)*
21. Late Professor Oyewusi IBIDAPO-OBE *(FNMS)*
22. Professor Frank Ikechukwu OCHOR *(FNMS)*
23. Chief Ajibola OGUNSOLA *(FNMS)*
24. Professor James Adedayo OGUNTUASE *(FNMS)*
25. Professor Samuel Segun OKOYA *(FNMS)*
26. Professor Peter ONUMANYI *(FNMS)*
27. Professor Micah Okwuchukwu OSILIKE *(FNMS)*
28. Professor Babangida SANI *(FNMS)*
29. Professor Adewale Roland Tunde SOLARIN *(FNMS)*
30. Professor Abba Ali TIJJANI *(FNMS)*

2017 RECIPIENTS

31. Professor Jerome Ajayi ADEPOJU *(FNMS)*
32. Professor Alexander O. E. ANIMALU *(FNMS)*
33. Professor Iheanyichukwu Sylvester IWUEZE *(FNMS)*
34. Late Professor Francis Kofi Ampenyin ALLOTEY *(FNMS)*

2018 RECIPIENTS

35. Professor Muhammad Yahuza BELLO *(FNMS)*
36. Professor Anthony Monday ETTE *(FNMS)*
37. Professor Emmanuel Joseph Daniyang GARBA *(FNMS)*
38. Professor Moses Oludotun OYESANYA *(FNMS)*
39. Professor Olabisi Oreofe UGBEBOR *(FNMS)*

PRESIDENT'S REMARKS

PROFESSOR BASHIR ALI
President, NMS (2019 - Till Date)

I wish to begin this note by expressing profound gratitude to God almighty for his various favours to us, guiding us in our lives and also for sustaining our society. I pray that he continue to guide us in our future endeavours.

I would like to offer our condolence to the Mathematics community for losing its great Mathematicians recently, who were council members of our great society. These great personalities we lost recently are Professor O. Akinyele, Professor U.I. Asibong, Professor C.E. Chidume, Prof. M.A. Kenku and Professor A. Kuku, all of them fellows of our great society. On behalf of the council and members of the Nigerian Mathematical Society, I wish to extend our condolence to all their families and loved ones. They were very active members of the society and had contributed greatly to the development of Mathematics in Nigeria and the world at large. Though they left behind great legacies in terms of their works and past students they trained, their demise came to us with shock and is considered as an irreparable lost in the Mathematics community.

I wish to inform members that membership registration/renewal of membership registrations can now be easily done online at the Society's website. We encourage membership registration\renewal of registration to be done online at the Society's website, as that will automatically enable one to have a dashboard in the website, where update information about oneself can be supplied at any moment. Through that also, one will obtains permanent membership number and can also download updated membership certificates.

The updated application forms and procedures for fellowship of the society and best PhD awards are now available online. I urge members to go through the criteria and familiarize themselves with them and then apply appropriately.

The announcement of the upcoming annual conference of the society at Usmanu Danfodio University Sokoto has already been out long ago. The conference is going to be hybrid (Physical\virtual) in nature. The planned date of the conference was 6th-11th March 2022, however due to Academic Staff Union of University's (ASUU) strike action, it was suspended until a later date to be announced.

The National Mathematical Center Abuja has gotten a new Director\Chief Executive in person of Professor Promise Mebine. The new director, during a courtesy visit to him by the council, explained that he is determined not only to continue with the good works and efforts of the immediate past Director Professor E.S. Onah, but try his best to find lasting solutions to some of the impeding problems of the Center. The society had congratulated the new Director and confirmed to him of our total support to him in his effort to move the center forward. He already directed that the 2022 Nigeria's dues at International Mathematical Union (IMU) be settled immediately. I wish to use this opportunity to express our gratitude to him and the immediate past Director for the efforts in fulfilling this international responsibility.

Let me use this opportunity to mention here that the International Congress of Mathematician (ICM) and the IMU General Assembly scheduled to take place physically in July this year at Saint Petersburg is now rescheduled to take place virtually outside Russia following the original time scheduled. This decision was taken by the executive committee of the IMU due to the Russian-Ukraine war going on currently. Participation in the virtual ICM event is free. I wish to urge our members to participate in this international activity, see https://www.mathunion.org for more details. I wish all a pleasant activity coming July.

Professor Bashir Ali
President, Nigerian Mathematical Society

MY STEWARDSHIP

AS EDITOR-IN-CHIEF OF JNMS: 2011-2022

Whatever has a beginning will have an ending. In this light, after 10 years of my official two tenures and an extra year of duty due to COVID 19 pandemic which prevented the Council from appointing my successor, it is in order to give account of my stewardship. My duty as the Editor -in-Chief of Journal of the Nigerian Mathematical Society (JNMS) is basically to coordinate the activities of the journal. Although there had been challenges, we have embraced opportunities and breakthroughs and it is a great pleasure that I now present my handover report as the Editor-in-Chief of the Journal of the NMS.

During my tenure as the Editor-in-Chief of JNMS, the journal has been able to prove its worthiness of international acceptability especially with the opportunity to be hosted at the reputable Elsevier Publishing House (volume 34; issues 1-3, 2015 and volume 35; issue 1, 2016 still at the ScienceDirect search engine) through the Memorandum of Understanding (MoU) with financial commitment involving the Committee of Vice Chancellors and TetFund. This improved the international outlook of the Journal of the NMS (JNMS) with large numbers of international and Nigeria-based authors publishing therein. However, the Elsevier Publishing House had to shut down on us due to the missing link between the Committee of Vice Chancellors, TetFund, the Federal Ministry of Education and the Elsevier Publishing House. On behalf of the Mathematics community, I want to give a clarion call to all concerned that such opportunity to our researchers should always be cherished and protected to give our research output, Nigerian journals and institution a great reputation in the international community. After all, the contents of our journal actually merited publication in Elsevier Publishing House, but for continuous funding support from the Nigerian government. A good product that is not adequately advertised may not bring sufficient profit. The Council of NMS is hopeful that the missing link between the parties would be found so that we can be restored back to the Elsevier system.

On the other hand, my personal search for a way to see that JNMS sustains its international outlook made me enter into a MoU with the Abdus Salam International Centre for Theoretical Physics (ICTP), Trieste, Italy in 2016 on behalf of the NMS. This MoU was signed during one of my visits to the Centre and gave JNMS access to the Open Journal System (OJS) of the Centre for sustained international outlook, wider accessibility and to promote its image. This goodwill was facilitated by Prof. Clement Onime of the ICT unit of ICTP for which we are grateful.

I appreciate with thanks the support and partnership that I enjoyed with associate editors and reviewers towards the fact that we did not miss publishing any volume of the journal due to the coronavirus (COVID 19) pandemic and the variant OMICRON. Also each volume was well loaded with articles as displayed in the Table provided below despite thorough reviews with many articles turned down on the recommendation of the reviewers.

In April 2021, the listed articles for 2012-2014 have been acquired in soft copy and uploaded on the Open Journal System (OJS) for the delight of the Mathematics community. These were published before the interaction with Elsevier Publishing House. With this gesture, the complete articles of the Journal

Table. Spread of Articles published from 2012 –to Date

Vol. & Year	31 (2012)	32 (2013)	33 (2014)	34 (2015)	35 (2016)	36 (2017)	37 (2018)	38 (2019)	39 (2020)	40 (2021)	41 (2022)
Three Issues				10 + 10 + 11	18 + 9 + 12	17 + 7 + 4	6 + 10 +4	7 + 10 + 16	10 + 11 + 11	5 + 4 + 8	5
Total Articles	21	22	24	31	39	28	20	33	32	17	

To be continued on page 11

THE NATURE OF MATHEMATICS

The nature of Mathematics refers to its basic quality or character. Comprehensively, it means knowing what it means by way of definition, and various views and opinions of others about this age-long enigma called Mathematics.

Diverse Views of Mathematics

Mathematics is useful in almost all disciplines and yet the opinion that people hold about its nature varied, its nature couple with its relationship with other aspects of culture is reflected in the opinion of mathematicians. Consider the following statements: "In the pure mathematics, we contemplate divine truth which exists in divine minds before the morning stars sing together and which will continue to exist there when the radian post must have fallen from Heaven" (Bell, 1931). Mathematics is a tool which ideally permits mediocre minds to solve complicated problems expeditiously" (Firestone, 1939). "I believe that mathematical realities lies outside us, and our functions is to discover or observe it, and that the theorems which we prove, and which we describe grandiloquently as our own "creations" are simply our notes of our observations" (Hardy, 1941). "Mathematics is something that man himself create, and the type of mathematics it works out is just as much as function of the cultural demands of the time as any of his other adaptive mechanics" (Wilder, 1973).

Capacity Building Workshop for PG sudents in AAU, Ekpoma. Resource person is Prof. Okuonghae from UNIBEN

Personally, I see mathematics as the most consistent subject on earth as 1+1=2 in Africa is the same result in Asia, Europe and America, and same anywhere in the world. However, it does not waste the simplest information. It wants you to treasure any information it gives you very carefully and demands for it any time even years later. Therefore, it is skeptical about your keenness and readiness to work with it. But when you prove diligent and resilient over time, then it loves you to the end. How about you? What is your opinion about mathematics?

The above statements give opinions on the nature of mathematics but none of them is a definition of mathematics. Therefore, what is mathematics?

PG Seminar in FUPRE. From L to R: Dr. B. Ogundare, Dr. F. Adeyeye & Dr. A.O. Isere. Behind are the PG students.

Meaning of Mathematics

There are many definitions to mathematics as there are many mathematicians on earth. The Oxford Languages defines mathematics as "the abstract science of number, quantity, and space, either as abstract concepts (pure mathematics), or as applied to other disciplines such as Physics and engineering (applied mathematics)" The Wikipedia says "Mathematics is an area of knowledge, which includes the study of such topics as numbers, formulas and related structures, shapes and spaces in which they are contained, and quantities and their changes. There is no general consensus about its exact scope or epistemological status."

Encyclopedia Britannica defines mathematics as "the science of structure, order, and relation that has evolved from elemental practices of counting, measuring, and describing the shapes of objects. It deals with logical reasoning and quantitative calculation, and its development has involved an increasing degree of idealization and abstraction of its subject matter".

Interestingly, I define mathematics as simply the study of sets and their properties. Right from time, at the very tender age, the foundation of mathematics is laid

THE NATURE OF MATHEMATICS

MY STEWARDSHIP AS EDITOR-IN-CHIEF OF JNMS

in a child with the study of numbers 0, 1, 2, 3 …9. Later the child is taught how to group these digits together. For example, the second line starts with the second digit 1 and 0; 1 and 1; 1 and 2 etc, forming the second line 10, 11 12, …,19, then starting with the third number 3 and grouping in the same way, we have: 30, 31, 32, …,39 and so on. By this, the child is being introduced to the set of Natural numbers (N). That is why when he is asked 3-5=? He answers 'it cannot'. The child is correct because at that level he has only been introduced to the set of Natural numbers and 3-5 cannot be a natural number. Gradually, the child is introduced to 'number line' which is the set of integers (Z) and he discovers that 3-5 has a solution. As he moves on, he begins to write one number on top of another and finds out that he can also carry out the basic operations with such style of representing numbers-which he calls fractions. Behold! The child is being introduced to another set of numbers called the set of rational numbers (Q). Later on, he combines all the sets of numbers he has learned the rational type and irrational and begins to work with them in a striking dexterity. This leads to a more robust set of numbers called the set of real numbers (R). With this expanded set of numbers, the child is able to solve complicated equations and get results, like quadratic equations and polynomials. At another time, the child discovers that equation like $x^2+x+3=0$ has no roots in the set of real numbers. Another set of numbers called the set of complex numbers (C)-a set of numbers with both real and imaginary components is needed to handle the situation. What has the child been studying? Of course, sets and their properties. At advanced level, the child begins to study each of them as a subject and their applications. For example, the real analysis and their applications in calculus, which deals predominantly with the set of real numbers, and the complex analysis courses and their applications which are basically on the set of complex numbers.

In summary, Mathematics, as the science of set structures, is consistent and factual yet dynamic in nature.

Compiled by Dr A. O. Isere

Maths Dept., FUPRE. Perm., Add. AAU, Ekp.
Associate Editor (South South)
Notices of the NMS

of the NMS (2012 - date) are now available online for ease of reference.

Strategic Plan 2022-2027
How can the Journal of the NMS best serve our members and the larger Mathematics community? This question drives my move to inaugurate a special committee of three colleagues across the nation headed by Dr. S. O. Akindehinde of Mathematics Department, Obafemi Awolowo University, Ile – Ife, Nigeria, to fashion out ways to project the image of the Journal of the NMS. The letter was dated 11th September, 2020 and states that their recommendations will influence the journal for generations to come once approved and backed up with funds by both the Board of Editors and the Council. The committee submitted their report and it was considered by the Council of NMS at her virtual meeting in January 2021 with the Chairman in attendance to speak to the report. The report was adopted at the Council meeting before the Annual General Meeting held at the Redeemers' University, Ede on Thursday 22nd April 2021. In line with the Council approved report, I have started compiling the list of international associate editors by applying the criteria outlined in the document of Scopus. Invariably, this and other documents will be a working paper, to be implemented by my successor, which will attract more authors to submit publishable articles and advance research unabated.

Closing Remark
I close this report with my open declaration as I have on several occasions. There are five associate editors to appreciate for their support over the last 11 years, Professors Abba Gumel, Remi Odekunle, James Oguntuase, Sola Adeniran, and Felix Famoye. But two persons stand out for supporting and encouraging me when I was between the crucial missing link of the Committee of Vice-Chancellors, Tetfund, the Federal Ministry of Education and the Elsevier Publishing House. These two persons are Professor Clement Onime and Professor Abba Gumel.
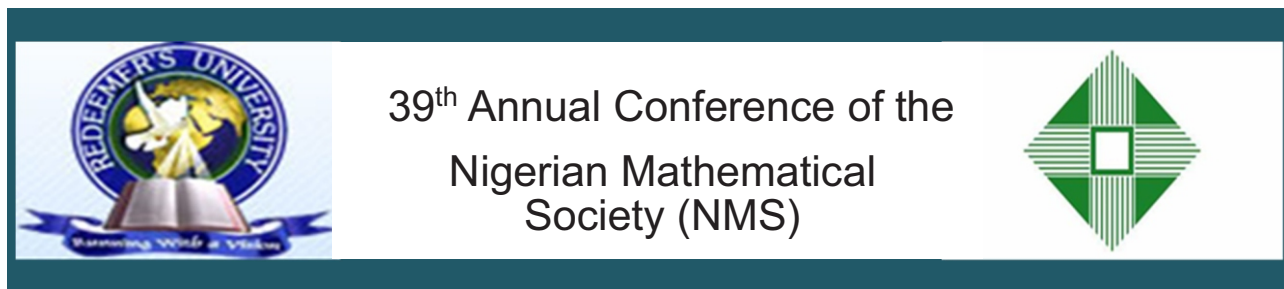
Prof. Samuel S. Okoya
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39ᵗʰ Annual Conference of the Nigerian Mathematical Society (NMS)

Our Ref: RUN/NMSConf2020/FINALREPORT/002   Date: 12ᵗʰ January, 2022

THE FINAL REPORT ON THE NMS-RUN 2020 CONFERENCE HELD (IN HYBRID FORM) BETWEEN 20ᵀᴴ AND 24ᵀᴴ APRIL, 2021

Dear Distinguished Members,

Below are the summary activities of the concluded 3 9ᵗʰ Annual Conference of the Nigerian Mathematical Soc iety (NMS) that took place remotely between 20ᵗʰ and 24ᵗʰ of April, 2021 from the Campus of the Redeemer's University, Ede, Osun State, Nigeria.

The Conference activities are detailed in the table below:

S/No	Date	Activity	Venue
1.	20-04-2021	Arrival of Council Members/ Lodgment	University Guest House
2.	21-04-2021	Council visits the Timi of Ede Land's Palace and Council Meeting	Timi's Palace/ Council Chamber
3.	22-04-2021	Opening Ceremony/Plenary Session/Parallel Session 1	Senate Chamber /ZOOM Platform
4.	23-04-2021	Parallel Session 2/ Parallel Session 3/ Annual General Meeting (AGM)	Senate Chamber/ ZOOM Platform
5.	24-04-2021	Departure of the Council Members	Available Vehicles
		Conference Attendance Data	
6.	Paid Participants	258 **(258 participants paid the sum of ₦1, 335, 000.00 as conference registration fees) and all members that paid for conference registration were issued and received the Certificates of Participation.**	
7.	Presenters of Papers	More than 110 made virtual presentations of papers **and all presenters that showed evidence of payments for the conference were issued and received the Certificates of Presentation.**	
	KEYNOTE Presenter	**Professor Stephen E. Onah,** (Former) Director/Chief Executive, National Mathematical Centre, Abuja, Nigeria.	
	Lead Paper !	**Professor M. O. Osilike**, First Occupier of Pastor E.A. Adeboye Chair, University of Nigeria, Nsukka, Nigeria.	
	Lead Paper II	**Professor S. S. Motsa**, University of Swaziland, Swaziland, Southern Africa.	
	Total Participants	261	

Below are some pictures taken at the conference

Council Members, LOC at the Timi's Palace for a courtesy visit with the President, Prof Bashir Ali presenting gifts to the King's representative at the Palace.

Pic. 2. The President of NMS, RUN Management and other Council Members at the Opening Ceremony.

Pic. 3. The President, Prof. B. Ali and the VC of RUN, Prof. A. E. Akinlo delivering their speeches at the opening ceremony.

Pic. 4. The LOC Chair, Dr. A. S. Onanaye and other participants at the opening ceremony.

Once again, on behalf of the Vice-Chancellor of the Redeemer's University, Ede, the Dean, Faculty of Natural Sciences, and the Ag. Head of Department, Mathematical Sciences, the LOC, and Staff, we want to say a big **THANK YOU** to the Council and the Members of NMS for the rare opportunity given to us to host the Conference for the very first time as a private university (and in hybrid form) in the history of the Society.

We are using this medium to wish the LOC of the Usmanu Danfodiyo University Sokoto, Sokoto and the NMS Council, a very successful hosting of the 40th Annual Conference of the Nigerian Mathematical Society (NMS) coming up in March, 2022.

The report is for your kind attention and reference, Sirs/Mas.

Thank you,

Dr. Adeniyi Samson Onanaye
Chairman, LOC, RUN 2020
onanaye@run.edu.ng

THE JOURNEY SO FAR:
Notices of the NMS, 2016 -2022

In 2016, I called the President of the NMS, Prof. N. I. Akinwande, to permit me to resuscitate the Notices of the Nigerian Mathematical Society (NMS) along with my duty as Editor-in-Chief of Journal of the NMS. This view was borne out of concern for the display of the profiles of the large list of awardees for Fellows of the NMS scheduled for Federal University of Technology, Minna. He was delighted about the venture and supported the vision with funds through the treasurer of the society and the rest is history. Consequently, I was appointed by the Council of NMS as Editor for Notices of the Nigerian Mathematical Society in 2016 which had been dormant for four years (I hold this position till date) after the production of the first four volumes in black and white.

As the Editor for Notices, my intention was for the Notices to be self-sponsored. This was demonstrated from the beginning by the support of two million naira (N2,000,000) donated by Chief Ajibola Ogunsola FNMS in 2016 who was so impressed by the content and the coloured print production. Also in 2018, a support of two hundred thousand naira (N200,000) from Prof. Muhammad Yahuza Bello FNMS was received. Funds were also generated for Notices through various adverts by families and friends of the awardees of Fellows of the NMS.

It is worth noting that the Notices of the NMS has been resuscitated in coloured print after I had previously made clear the importance of keeping the mathematical community in Nigeria and the Diaspora informed of our socials, interviews and academic news and other communications. Also, the unique opportunity of coloured hard copies of the Notices was more acceptable and attractive to readers. This had made it possible to widely circulate the Notices among mathematicians at our meetings across the nation until the COVID-19 pandemic. It is heartwarming that I have successfully made the electronic copies available at the official website of the NMS. Also during the pandemic, extensive effort went into scanning previous issues of the Notices. The previous four volumes, in black and white, have also been scanned and placed on the NMS website for wider accessibility.

Furthermore, I am happy to inform you that new facets of the Notices have published six volumes till date. The Notices is also visible at the Open Journal System of Abdus Salam International Centre for Theoretical Physics (ICTP). These development have recently attracted the London Mathematical Society to request for information on our activities, a confirmation of wider visibility and acceptability. The implication of this is that the NMS under my tenure as Editor of Notices and Editor-in-Chief of the Journal of NMS has gained improved visibility and acceptability, in Nigeria, Europe, the UK and the USA.

It will be good to put on record, that the Council approved my proposal for the appointment of associate editors to complement the work of the Editor at the Annual General Meeting held at University of Nigeria, Nsukka in 2019. The Notices has eight associate editors across the six geopolitical zones of Nigeria. All our efforts are geared to help source for information on academic and social activities in the zones. This tremendous endeavour of the work force has created the very rich and representative volumes in 2020 and 2021/22.

It will be appreciated if all the readers of our Notices can give sustainable support for the future volumes to encourage my successor and the team in volunteer services.

Prof. S. S. Okoya
Editor, Notices of the NMS (2016-2022),
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PICTURES SPEAK

During the Council of the NMS's visit to the Dean (Professor A. Danbaba), Faculty of Science, Usmanu Danfodiyo University (UDUS), Sokoto on 1st November 2021.

Former council members led by Professor N. I. Akinwande (FNMS) at the office of the Executive Secretary, TETFund, Prof. Suleiman Bogoro in the company of Professor E. S. Onah, Director/Chief Executive, National Mathematical Centre, Abuja on a courtesy visit on Tuesday May 7th , 2019.

During the Council of the NMS's Visit to the Vice-Chancellor (Professor L. S. Bilbis) of UDUS Sokoto on the 1st of November 2021

Nigerian women in Mathematics at AIMS Senegal 2017

INTERVIEW

with Joy Chinyere Umudu: The Overall Best Ph.D. Thesis, Class of 2020   by Professor S. S. Okoya

Can we briefly meet you?

My name is Joy Chinyere Umudu, a native of Ezinifite town in Aguata Local Government Area of Anambra State, Nigeria. I was born in Jos, Plateau State, into the family of Mr. Elijah Okafor and Mrs. Gloria Okafor. I also had my primary and secondary education in Jos before proceeding to the University of Jos for my first degree and bagged a First Class Honors in Mathematics. Thereafter, I relocated to Lagos and worked as a teacher for some time. In 2014, I went for my Master's degree in Pure Mathematics at the University of Lagos. In 2016, I relocated back to Jos, took up a lecturing Job in the Department of Mathematics, University of Jos and immediately started my Doctorate degree program at the University of Lagos. To the glory of God Almighty, I successfully completed the program and emerged as an Awardee of the Overall Best PhD Thesis in the University and Best PhD Thesis in Science. I am happily married and blessed with four children.

Why did you decide to connect your life with Mathematics?

I have come to realize the essence of Mathematics in my daily life and future. Mathematics encourages logical reasoning, critical thinking and the ability to solve problems. Mathematics is a powerful tool for global understanding and communication. As a child I developed interest in Mathematics right from primary five class. Throughout my secondary school, I loved Mathematics and all science based subjects. I think it was because I didn't like cramming at all. Although I applied to read another course in the University, I gained admission to study Mathematics in my first degree. I must say I am glad I did because as an undergraduate, I felt at home in Mathematics Department, so there wasn't any need to struggle. In fact, I should say that God ordered my steps and directed my path and I am better for it.

Who encouraged and inspired you (mathematically and otherwise)?

I draw strength and inspiration from the word of God, the Holy Bible. I listen to a New York Bestselling Author, Joyce Meyer and read her books. A few who inspired me academically include the late Prof. C. E. Chidume, who encouraged me to continue in the academia. During my Doctoral program, my supervisor Prof. J. O. Olaleru was a source of inspiration. I gained a lot from his mentorship and the positive energy that radiates around him.

How did you get connected with University of Lagos?

After my first degree, I relocated to Lagos. At my former place of work, a colleague of mine went for her MSc program and finished about a year later. I was encouraged and challenged; knowing that I could finish my MSc program in record time which is not the case in some institutions. Secondly, the University of Lagos is known to conduct

> *I chose the University of Lagos because it is an amazing university that is equipped with necessary research oriented knowledge.*

entrance exams for aspiring MSc students and require a minimum CGPA of 3.5 for PhD/MPhil programs. I chose the University of Lagos because it is an amazing university that is equipped with necessary research oriented knowledge.

How would you describe your research area to a mathematics graduate student?

My research area is on Functional Analysis and precisely Fixed Point Theory and Applications.

Why do you think you were selected as the Overall Best Ph.D. Thesis, Class of 2020?

Well, I am grateful to my supervisors and mentors: Prof. Johnson O. Olaleru and Dr. Adesanmi A. Mogbademu for their unwavering commitment and dedication throughout the program. Their unique mentoring style and approach contributed immensely to making me win this highly competitive award. I wasn't their only student. I and my colleagues, six of us under the same supervisor and others in the Department, formed a small but formidable community of researchers who drew strength and support from one another. The Departmental Seminars were expository and very helpful. I also appreciate the members of the Postgraduate School who worked tirelessly and considered me fit to earn this award. Thanks to the transformative educational platform provided by the University of Lagos that enable students to spread their wings and soar like the eagle. My

overall experience in the University of Lagos has been positive and filled with fond memories.

Do you teach? What type of courses do you teach?

Before proceeding on study leave, I taught undergraduates (both full time and part time students). Now that I am done with my doctorate degree, I look forward to teaching courses in Functional Analysis, mentoring both undergraduates and postgraduate students.

What are your hobbies?

I enjoy reading inspirational books, listening to Gospel music, watching movies and playing games with my family.

How do you balance career, family and outside interests?

I am not a very social person and have very few friends. I am fortunate to have a very supportive husband who doesn't mind doing chores when I am not there. So when I am not there for my children, my husband is there and vice versa. When I newly got married and started having babies, I had to put my career on hold for some time to enable me nurture them. I started my second degree when my third child was three years old. That way I was able to cope with managing family, work and studies. In the second year of my PhD program, I had my fourth child and took him along when returning to school in Lagos while my husband stayed back in Jos with the older ones. When at home, we try to spend quality time together to make up for times when either of us parents are not there. I always pray for God's direction, strength and protection which actually give me total peace.

What advice or word of wisdom do you have for current graduate students?

I would advise them to focus and start building on their chosen career as early as possible because great

Dr (Mrs) Joy C. Umudu with the main supervisor, Prof. Johnson O. Olaleru

...focus and start building on their chosen career as early as possible because great achievements do not just happen overnight.

achievements do not just happen overnight. They must believe in themselves in spite of the harsh economic reality we are faced with and be inspired by the words 'I can do all things through Christ who strengthens me.' Philippians 4:13.

If you could recommend one book to Functional Analysis graduate students, what would it be?

I would recommend the books 'Iterative Approximation of Fixed Points' by Vasile Berinde, 'Geometric Properties of Banach Spaces and Nonlinear Iterations' by Charles E. Chidume and 'Applicable Functional Analysis' by Charles E. Chidume.

What should a mathematics graduate student do if they want to learn more about your work or want to be more involved in Pure Mathematics approaches for advancement?

I would advise them to read my publications, those of my mentors Prof. J. O. Olaleru and Dr. A. A. Mogbademu and the references therein.

Are you a member of the Nigerian Women in Mathematics?

Yes, I am a member of the Nigerian Women in Mathematics.

What is your personal opinion about the Women in Mathematics, International Congress of Mathematicians scheduled for July 2022 at Saint Petersburg, Russia?

I think it is a great opportunity for women to rub minds and collaborate more, thereby building a larger network of Mathematicians. It would be nice to be part of this unique research community.

What is something people might be surprised to learn about you?

I like the fashion industry. I like plaiting and styling hair and sometimes make my own dress.

Any final comments or advice?

I return all the glory to Almighty God for being my strength and fortress in every area of my life. I will conclude with a quote from Proverbs 19:21 which says 'Many are the plans in a man's heart, but it is the Lords purpose that prevails.' In the words of Wick Warren 'You owe it to future generations to preserve the testimony of how God helped you fulfil his purposes on earth.' Thank you.

BRIEF BIOGRAPHY – BUBACARR BAH

Bubacarr Bah is recently appointed as Associate Professor and Head of Data Science in the Medical Research Council (MRC) Unit The Gambia, at the London School of Hygiene & Tropical Medicine. He is the Head of the Data Science Research Group at the African Institute for Mathematical Sciences (AIMS) in South Africa, where he holds the German Research Chair in Mathematics of Data Science, which is a Senior Researcher position with an Adjunct Senior Lecturer (Asst. Prof.) position at the Division of Applied Mathematics, Stellenbosch University. Prior to this he held post-doctoral fellowship positions at the University of Texas in Austin, U.S.A. and the Ecole Polytechnique Federale de Lausanne (EPFL), Switzerland. He had his PhD in applied and computational mathematics at the University of Edinburgh, UK, his MSc in Mathematical Modelling and Scientific Computing at the University of Oxford, UK and a BSc in Mathematics and Physics at the University of The Gambia.

PRACTICAL HIGH-THROUGHPUT, NON-ADAPTIVE AND NOISE-ROBUST COVID-19 TESTING

Assoc. Prof. Bubacarr Bah

Medical Research Council Unit The Gambia,
London School of Hygiene & Tropical Medicine
African Institute for Mathematical Sciences and
Stellenbosch University.
Co-authors: *Hendrik Bernd Petersen and Prof. Dr. Peter Jung*
Technical University Berlin

During the early stages of the COVID-19 pandemic an exponential growth in infected individuals might result in a shortage of tests for an infection. In later stages of a pandemic regular testing of large groups of mostly healthy people is a common policy to prevent further outbreaks [1]. This results in a strong desire to reduce the number of tests required to identify infected elements among a group of individuals. This approach is often called pooling and has been intensively investigated for COVID-19, see for example [2, 3]. The mathematical field group testing is concerned with this problem and has therefore also gained interest recently again. It was invented by Dorfman [4]. The methods from classical group testing often suffer from several drawbacks including slowness due to adaptivity of the tests [5] and sensitivity to errors [6].

Compressed sensing is a mathematical field concerned with recovering a vector with many zero entries from as few as possible non-adaptive linear measurements [7]. Compressed sensing has achieved several theoretic goals including achieving the optimal number of measurements [7, Chapter 13], independence of the measurements from each other, robustness to noise [7, Chapter 4] and sometimes even error correcting properties [8]. We propose, in [9], using compressed sensing instead of classical group testing to tackle some weak points in group testing mentioned above.

Compressed sensing results can be used to provably detect a small number of infected persons among a possibly large number of people. There are several advantages of this method compared to classical group testing. Firstly, it is non-adaptive and thus possibly faster to perform than adaptive methods which is crucial in exponentially growing pandemic phases. Secondly, due to nonnegativity of measurements and an appropriate noise model, the compressed sensing problem can be solved with the non-negative least absolute deviation regression (NNLAD) algorithm. This convex tuning-free program requires the same number of tests as current state of the art group testing methods. Empirically it performs significantly better than theoretically guaranteed, and thus the high-throughput, reducing the number of tests to a fraction compared to other methods. Further, numerical evidence suggests that our method can correct sparsely occurring errors.

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SUMMARY OF THE
199TH

**INAUGURAL LECTURE BY
PROF. JACOB ABIODUN GBADEYAN**

My inaugural lecture titled "**God The First and The Greatest Mathematician: Man The Ultimate User of Mathematics**" is the 199th in its series in the University of Ilorin, Ilorin. The biography succinctly put under a section "How It All Started" mentioned my family background, birth, education from primary school, secondary school, higher school certificate (HSC) to my BSc in Ahmadu Bello University, Zaria, and further to the University of Waterloo in Canada for my higher degrees, MSc and PhD, and finally my career as a university teacher and researcher.

My main area of specialization is Solid and Fluid Mechanics. I however began the inaugural lecture by delving into the basics of the subject of my career by asking "What is Mathematics?" and "What do Mathematicians do?". I described the number system and its development and posited that the main task of a mathematician is the study of the behavior and interaction of numbers, particularly how they characterize various human endeavors: movements and inter-relationship of objects in space, states, strength and elasticity of matters, etc. The mathematician propounds laws governing the interaction of numbers and also formulates governing equations of those interactions, offers solution to them, and studies the nature of such solutions. All these are the precise making of God and His supreme design for the ultimate use and benefit of men, thus the title: "**God The First and The Greatest Mathematician: Man The Ultimate User of Mathematics**".

Since my preoccupation in this subject is the study of mechanics of solids and liquids, I ventured into some basic notion of matter, their to-and-fro motion and the flow of fluids. The word "matter" refers to everything in the universe that has mass and takes up space. Motion may be said to "take place when an object is displaced from one point to another".It is a prime action in any life activity. To-and-fro motion is a common phenomenon in life activities. In general there are two types of to-and-fro motion, namely, free and forced to-and-fro motions. Free to-and-fro motion takes place when an object oscillates under the action of forces inherent in the object itself while while external or applied forces (or loads) are absent. On the other hand, the to-and-fro motion, which takes place under external forces, is called a forced to-and-fro motion. Practical examples were given. My research also included the behavior of fluids under the condition of rest and motion with the application of the fundamental laws encountered in Physics, namely, Newton's laws of motion, conservation of mass, conservation of momentum, conservation of energy, first law of thermodynamics and second law of thermodynamics.

The inaugural lecture remarked that in designing road/rail bridge and other similar transport infrastructures, safety performance and reliability of structures and media on which the load moves are of paramount importance. As a matter of fact, a careful analysis of these various moving load problems became necessary when it was observed that an elastic structure subjected to a moving load produces greater response than those under a static equivalent load. It was also observed that this deflection is a function of, among others, both the velocity and the magnitude of the moving load, which then implies that when designing a bridge over which the load moves, the average speed and the mass of the moving load must be such that they are much lower than the designed speed and mass of the bridge. Otherwise failure and subsequently collapse of the bridge may unavoidably occur.

Over a hundred articles from these studies have

appeared in peer-reviewed, high-quality scholarly journals and books published by reputable publishers and were indexed in major world's leading databases including Web of Science (WOS) and Scopus. The scholarly works are being cited by workers in these areas of research and are serving as motivations to colleagues and the upcoming researchers.

Emerging from my researches, the inaugural lecture concluded with a number of recommendations to governments and other relevant stakeholders. Acknowledgements and appreciations were given to all whose paths I crossed within the span of my career studying mathematics and its applications.

Professor Gbadeyan delivering the 199th Inaugural lecture at University of Ilorin, Ilorin, Nigeria

R-L: The Deputy Vice-Chancellor, Research, Technology and Innovation, Professor Mikail O. Buhari and Prof. J. A. Gbadeyan at the occasion

The Inaugural lecturer, Prof. J. A. Gbadeyan and procession at the occasion

By: Prof. Jacob Abiodun Gbadeyan
Department of Mathematics
University of Ilorin, Ilorin, Nigeria.

REPORT ON 64TH INAUGURAL LECTURE OF NNAMDI AZIKIWE UNIVERSITY, AWKA, ANAMBRA STATE, NIGERIA - DELIVERED BY PROFESSOR ERIC U. OFOEDU

The 64th Inaugural Lecture of Nnamdi Azikiwe University, Awka, Anambra State Nigeria held on 4th day of November, 2021 and was delivered by one of our own, Professor Eric U. Ofoedu. A lecture titled "**Algorithmic Procedures for Solutions of Nonlinear Operator Equations** - *tackling deep issues with tears and without consolation*" attracted many dignitaries and captured minds of several individuals due to the Lecturer's perfect combination of mathematical ideas and several local proverbs and adages.

The Lecturer lamented that a course (Mathematics) which is so useful to humanity is irritating to the majority of people in our society; and that maybe because of the irritation and the underlying phobia, people call mathematicians all sorts of names. Professor Ofoedu made it clear that genuine Mathematicians are wonderful people, so humble and peace loving, always cheerful and charming; and that they (Mathematicians) are not dirty and tattered as some insinuate. He stated that genuine Mathematicians always stand out in pursuant of TRUTH. They do everything possible to accurately,

analytically and logically predict future in order to avoid unwarranted eventualities. From generation to generation, genuine Mathematicians are problem solvers, and carry other people's problems on their shoulders as if the problems are theirs, without placing charges.

During the Inaugural Lecture, Professor Eric U. Ofoedu warned that people should always ensure the stability of their origin, and that those in the leadership position should beware of sycophants, and make sure they always work in the interest of the masses.

He later presented his research and some of the results he obtained so far in several phases, and emphasized that his research falls within the general area of Pure and Applied mathematics - Functional Analysis to be precise, with concentration on construction of iterative algorithms for approximation of solutions of nonlinear operator equations involving several classes of operators in appropriate real Banach spaces.

Professor Ofoedu concluded his lecture by saying that "we must do everything possible to strengthen our mathematics. Countries without Mathematics are in great danger. This is because no meaningful economic, scientific and technological development shall be observed in such countries. If care is not taken, citizens of such countries shall be turned into perpetual consumers. Therefore, Mathematics Community of every Country should be encouraged to continue soaring; otherwise things shall certainly go wrong."

Professor Ofoedu finally stated that those in Mathematical Sciences or Mathematics related disciplines should be very careful with utilization of mathematical concept; and that whenever a mathematical concept is not clear, one should pause and have a critical look at it until it ecomes clear. He warned that there is serious danger in utilization of incomprehensible mathematical formulations.

Professor Eric U. Ofoedu on the day of 64th Inaugural Lecture of Nnamdi Azikiwe University, Awka

From the left are Prof. F. J. C. Odibo (DVC Academic), Prof. Eric U. Ofoedu (The Inaugural Lecturer and Director Quality Assurance), Mrs. A. N. Ofoedu (the wife of the Inaugural Lecturer), Prof. Joseph Ikechebelu (The DVC Administration) and Prof. A. J. Ekpunobi (Former Dean, Faculty of Physical Sciences and member University Inaugural Lecture Committee). In the small box is Dr. Abubakar Adamu.

From the right are Prof. A. J. Ekpunobi, Dr. A. C. Nnubia (HOD, Mathematics), Professor F. J. C. Odibo, Dr. Anthony Nnebedum (Deputy Director Quality Assurance), Mrs. A. N. Ofoedu, Professor Eric U. Ofoedu and Professor Joseph Ikechebelu during cake cutting event to mark the 64th Inaugural Lecture of Nnamdi Azikiwe University, Awka. In the small box by the right is Dr. Abubakar Adamu.

From the left is Professor Eric U. Ofoedu in the midst of participants during the 64th Inaugural Lecture of Nnamdi Azikiwe University, Awka. In the small box by the bottom right is Dr. Abubakar Adamu

By: Prof. Eric U. Ofoedu
Department of Mathematics
Nnamdi Azikiwe University, Awka, Anambra

Boundless Mathematics:

The Novelty of Application to Life & Pattern of Living

45th Inaugural Lecture of Niger Delta University (NDU), Bayelsa State, Nigeria, Delivered by Prof. Promise Mebine on Wed, 16th February, 2022

The Inaugural Lecturer, Prof. Promise Mebine

The Inaugural Lecturer, Prof. Promise Mebine, handed over the Inaugural Lecture Book to the NDU VC, Prof. Samuel G. Edoumiehumo after the Lecture

NDU VC, Prof. Samuel Edoumiekumo, presenting an Award of Honour

Members of Faculty of Science & Department of Mathematics/ Computer Science

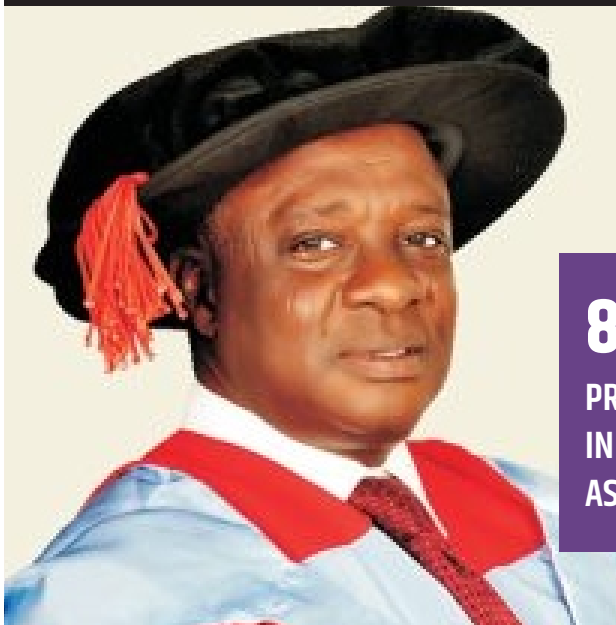CEO of Gosima Group, Dr. Gideon Osi & Some Invited Guests

Representative of NMC 6th Governing Council, Engr. Austin Febo (White Suit) & NMC Staff

NMC Staff in my residence after the Inaugural Lecture

By: Prof. Promise Mebine
*Department of Mathematics/Computer Science,
Niger Delta University, Bayelsa State, Nigeria*

Professor Yusuph Amuda Yahaya of Department of Mathematics, Federal University of Technology, Minna, reiterate need for proper planning and made some other recommendations on Wednesday, May 19th, 2021 while delivering the 81st inaugural lecture of the institution with the theme "Driving a car without a dashboard Your Opinion is Yours!" at the 1000 seater capacity auditorium of the University, main campus Gidan Kwano, Minna.

He said the apathy being experience in the knowledge and use of mathematics be fought head long. Presenting mathematics as a friendly subject from the primary school level must be encouraged further. The Don who is a former Director of Academic Planning in the Institution requested the Government to improve Funding and Special incentives should be provided for mathematics teachers and mathematical researches by the government with-less stringent conditions to avoid the **error of deprivation** of researchers who sometimes may not be able to articulate their proposals well enough. Or no experiment to support such non-practical research.

The Mathematics Lecturer observed that Our Government should assemble well trained researchers in modelling and computational mathematics who have the ability to formulate and solve problems in wide varieties of areas, skills in communication and the ability to work in interdisciplinary teams with the mandate of proffering solutions to the Nation's Problems.

While drawing from his wealth of experience, the 'Don' said Covid-19, pandemic has exposed the weakness in our mode of curriculum delivery through only class room approach, our universities should be more than prepare for better options to enable us operate a borderless classroom for our Various academic programs.

Mathematics, according to him, promotes comfort, happiness and helps students to attain their Goals in life easily" Many young boys and girls have their dreams broken, because they could not make a credit in Mathematics in school certificate examinations"!

The Don Concluded the lecture that, the situation of the Country today could be attributed to deviations from acceptable, ideal standards and norms of any just and egalitarian society that could be described as errors, which only occurs when the car of a system is driven without a dashboard! Nigeria is a country where the errors in our systems have led to injustice, insecurity, economic instability, sometimes and disorderliness in sharing nation's resources or even political appointments. All these happened because our leaders "**Drive Nigeria-nation's car without a dashboard!!**

L-R Prof. R. O. Olayiwola, former HOD Maths and the Inaugural Lecturer

Management Team-L-R UL (Dr. Saka. Katamba, Registrar - Mr. Amos Kolo, Inaugural Lecturer, DVC Admin - Prof. E. E. Udensi, Bursar - Mrs. Hadiza Goje, DVC Academic - Prof. F. A. Kuta and Chairman Seminar & Colloquium Committee - Prof. Bisi. Ayanwale

L-R Isp. Adelodun (ADC to speaker KWHA) & MR. Sabo Mohammed Lawal of APU FUTMINNA

L-R Registrar-Futminna(Mr.Amos Kolo), Speaker-KWHA (Hon. Salihu Danladi Yakub), Humble self, and Hon. Baba Boriya of KWHA

L-R Former Vice-chancellor Prof. M. S. AUDU, Former Registrar Mrs. V. N. Kolo & Director QAP Prof. A. S. Ibrahim

L-R DVC Academic (Prof. E. E. Udensi Presenting Plague to Prof. Y. A. Yahaya,supported by his wife-Mrs.L.Shade Yusuph

By: Prof. Yusuph Amuda Yahaya
Department of Mathematics,
Federal University of Technology, Minna.

MAKING THE BEST USE OF WHAT YOU HAVE:
THE MATHEMATICAL APPROACH

PROFESSOR OLABODE MATTHIAS BAMIGBOLA - OMB (*FMAN, FAC*)

INAUGURAL LECTURE - 4TH NOV. 2021

Preamble

My inaugural lecture titled, "**Making the Best Use of What You Have: The Mathematical Approach**," was the two hundred and seventh in the series at the University of Ilorin, Ilorin.

The topic of the inaugural lecture is situated in a field of Mathematics known as Mathematical Optimization. Technically, optimization is the act of making the best or most effective use of a situation or resource.

What things do we have that we are to make the best use of? The things include our life (health, talents and future), our money and our other resources.

My Contributions to Scholarship, Administrative and Community Services

My research contributions to Mathematical Optimization are spread across nine (9) areas, including multivariable optimization, conjugate gradient methods and industrial optimization.

Optimization problems naturally arise in a wide variety of applications in human endeavours. Some of such applications and my contributions therein are stated below.

It is a fact that electricity is a basic necessity in our world today. My contributions to electricity generation and transmission have to do with developing operating strategies to efficiently maximize electricity outputs, and reduce total costs and transmission losses.

Diseases and illnesses pose the most significant health challenges facing the global community. My interest in these epidemiological challenges is because the area involved a lot of logical and computational skills that are best handled by the mathematically inclined. My focus has been on prediction and control of infectious diseases. Although vaccination is the recommended strategy for controlling communicable ailments, but in seeking an informed response to the question of finding the best way to vaccinate people against infectious diseases, it was discovered that short pulse vaccination, long latent period or long immune period will guarantee eradication of the disease in any population. Recent other research efforts in this area, some of which are ongoing, have to do with developing data-driven models to study the spread and control of communicable diseases.

The efforts expended in the processes of course registration of students and computation of their examination results in tertiary institutions are awesome. In tackling this challenge, a noble project, spearheaded by me in the year 2001, led to the design and development of a software package acronymed SPERU (Undergraduate Registration and Examination Processing System). A version of SPERU was purchased for use in our 'Better by Far' university. Later versions of the software are still in use in the university.

BEFORE: OMB, wife, Principal Officers and Deans

CITATION READING: Ag. VC and OMB

As a result of its very low memory requirement, the Conjugate Gradient Method (CGM) has been efficiently utilized in solving large-scale optimization problems. A number of ways to improve the results obtained with the CGM for nonlinear optimization were identified, and research was carried out on each aspect.

A summary of my research contributions is on the Google scholar web: , where eighty-five of my research publications have been credited with 198 citations, an h-index of 8 and i-index of 5, as of 1st November, 2021.

Apart from engaging in research activity, a university academic is also expected to be involved in teaching as well as offer administrative and community services. By the grace of God, I made the following contributions in these critical areas: taught for more than 30 years in the university system; supervised 30 master's dissertations and 18 doctoral theses successfully; attracted foreign academics and fund for academic activities; recipient of scholarships, fellowships, grants; served in various administrative positions in the academia, and offered communal services.

LECTURE DELIVERY: OMB in action

RECEPTION: Wife, OMB and DVC (Academic)

Conclusion and Recommendations

This inaugural lecture has demonstrated that Mathematics is applicable to many areas of human under-takings. Mathematics apparently and easily finds application in the sciences, engineering and technology. With a contemporary world that is information-laden and technology-driven, there will hardly be any knowledge area where Mathematics will not spread its 'tentacles' into.

As individuals, each of us is enjoined to make the best use of the resources s/he is endowed with. I am recommending to the Nigerian government, the Mathematical Optimization presented in this lecture as a way out of the problems, such as insecurity, unemployment, economic challenges, unstable electric power supply and the like, militating against the realization of optimizing our national life.

HANDING OVER: Ag. VC receives a copy of the lecture

CELEBRATION: OMB and children in joyful mood

By: Prof. Olabode Matthias Bamigbola *(FMAN, FAC)*
Department of Mathematics,
University of Ilorin, Kwara State, Nigeria.

A BRIEF TOUR INTO THE WORLD OF IN-EQUATIONS THAT RULE OUR EVERYDAY LIVES

**202ND INAUGURAL LECTURE OF THE UNIVERSITY OF ILORIN, KWARA STATE, NIGERIA
DELIVERED BY PROFESSOR KAMILU RAUF ON 19TH AUGUST 2021**

Professor Kamilu Rauf delivered the 202nd Inaugural Lecture in the area of Pure Mathematics with bias on inequalities as applicable to analyses generally on a brief tour into the world of inequations that rule our everyday lives at the University of Ilorin Auditorium, Ilorin, Nigeria on the 19th August 2021 under the Chairmanship of the Vice-Chancellor Professor Sulyman Age Abdulkareem.

During the lecture, he took the audience through Mathematics, what his mathematical research is all about and how it could be used to solve problems. He said, the easiest way to solve any problem is to linearise it before embarking on the solution. He emphasised that the two attributes (real or perceived) of Mathematics place it apart from other subjects and sciences. Mathematics is the only deductive science, and Mathematics is pervasive. Mathematics is pervasive and fundamental in the sense that more human activities require at least some math skills than is true of any other field of knowledge. No one can design an efficient engine without good knowledge of Calculus, but anyone can drive a car without any understanding of the internal workings of the engine. The peculiar beauty of Mathematics lies in deduction, in the dependency of one fact upon another. The less expected a dependency is, the simpler the facts on which the deduction is based -- the more beautiful is the result.

When he was enunciating his contributions to knowledge in the past twenty-five (25) years in the field of Mathematics with over one hundred and fifty (150) publications and five published books to his credit either at home, national or international outlets, he presented eighty-one (81) of his publications under Real and Functional Analyses, eleven (11) on Complex and Numerical Analyses, twenty-nine (29) on Optimal Control Theory, nine (9) on Fuzzy Logic and three (3) on Cotton Weaving among others. He concluded that if we go down deep enough into anything, we will always find Mathematics that rule our everyday lives.

He advised that Government, at all levels, should as a matter of policy: annually endeavour to augment its education budget to funding meaningful education programs that stimulate and guarantee quality result; stop underutilizing academic system where meaningful collaborations that would yield or enhance high performance result in all forms could be generated; engage academics interest to sit tight, minimized or completely avoid strike action; stop importing solutions to solve Nigeria problems, and segment problematic domains and continuously go over the areas.

Those who graced the occasion include: family members; relatives; in-laws, his teachers, facilitators, Professor J. O. Omolehin his PhD supervisor, international organization on zoom, Research collaborators, Mr. Atiba from USA, thirteen {13} supervised and graduated doctoral students in Mathematics, seven (7) current PhD supervisee with many MSc. graduated students, colleagues from other universities, academic friend, mentors and advisers, Kwara State Association of Cotton Weavers, members of Kwara State House of Assembly, House of representative, political parties members, Royal Highnesses: Aragbiji of Iragbiji Land, Oba Abdulrasheed Ayotunde Olabomi Odundun IV. Oba of Agbeku, Mallam AbdulAziz Agboola and the representative of Ogunsua of Modakeke, Oba Moses Oladejo Oyediran Ajombadi III.

L-R: *DVC Management Services* Prof. B. F. Sule, *DVC Academics* Prof. S. O. Malomo, *Inaugural Lecturer* Prof K. Rauf, *The Vice-Chancellor* Prof. S. A. Abdulkareem

The Vice Chancellor reading Prof. Rauf's Citation

L-R: The Inaugural Lecturer Prof K. Rauf, Aragbiji of Iragbiji Oba Abdulrasheed Ayotunde Olabomi and His High Chief

Cross section of the University Principal Officers and the Inaugural Lecturer

The Inaugural Lecturer, His wife and a cross Section of the University Principal Officers and Dean of Faculties

The Inaugural Lecturer, Prof K. Rauf delivering his Lecture

By: Professor Kamilu Rauf
The Head, Department of Mathematics,
University of Ilorin, Ilorin, Nigeria

L-R: King of Agbeku Mallam AbdulAziz Agboola, representative of Ogunsua of Modakeke Oba Moses Oladejo Oyediran Ajombadi III, *Aragbiji of Iragbiji HRM Oba Abdulrasheed Ayotunde Olabomi Odundun IV and His High Chief*

APPLIED MATHEMATICS:
The reality, validity and contemporariness of mathematical modeling to real life problems

90th inaugural lecture of the Federal University of Technology, Minna delivered by Prof. Y. M. Aiyesimi on the 16th September, 2021.

The lecture gives an exposition of the place of Mathematics in real life problem solving especially applied Mathematics in the various sector of human search for solution of the enormous problems confronting humanity. The ubiquiteousness of Mathematics in the various fields of scientific research were demonstrated with appropriate real life mathematics-based innovations.

The lecture however focused on the particular area of dynamics referred hereto as *flexural dynamics* whose real life applications are in the highway and structural engineering with particular interest in the vibrations generated by external excitations which often results in the occurrence of the phenomenon of *resonance*.

The appropriate mathematical model for this all-important real life contemporary problem is the *rectangular plate*. Most of the literature of the problem area deal extensively with the assumption of uniformity of the physical properties of the plate (isotropic). The lecture technical content investigated the effect of variability of these properties to the amplitude of vibration and by extension the rate at attaining resonance. Also discussed in the presentations are the effect of Shearing force for thick plates and the Rotary inertia on the flexural deformation.

The second part of the lecture dealt with the application of the non-Newtonian fluid in the management of thermal transfer as exemplified by the analysis of magneto hydrodynamic fluids in tissues, in oil exploration sector and in the use of Nano fluid mixture in controlling the heat generated in automobiles and some machineries in industries. Here various real life application of these were highlighted in the presentation.

Presentation of Inaugural lecture by Professor Y. M. Aiyesimi

Members of the University Management at the Inaugural lecture

Invited guests at the lecture

Presentation of souvenir by the Vice-Chancellor, Federal University of Technology, Minna, Professor Bala Abdullahi to the Inaugural presenter, Prof. Y. M. Aiyesimi

Presentation of souvenir by the lady representative of the Yoruba community FUT Minna

Gallery during the Inaugural lecture.

Professor Y. M. Aiyesimi's family after the Inaugural lecture.

By: Prof. Y. M. Aiyesimi
Department of Mathematics, Federal University of Technology, Minna.

OAU 329TH INAUGURAL LECTURE BY PROF S.S. OKOYA

In retrospect, Professor Samuel Segun Okoya FNMS FMAN delivered the 329th Inaugural lecture series at Oduduwa Hall, Obafemi Awolowo University, Ile-Ife, Nigeria on Tuesday 13th November, 2018 titled **The many 'Faces' of Thermal Explosion: Mathematical Modelling point of view**.

From the vantage point of a mathematician actively researching the combustion and combustibility of materials, mathematical modelling has helped prepare grounds for the organization and fabrication of prototypes, provide solutions and relevant explanations to complex physical system occurring in nature and helped to provide relevant predictions that informs us on protective and preventive measures to the devastating effects resulting from combustion in our planet. In this regard, I recommend that this relevant (mathematical) tool be properly harnessed in the process of strategic planning towards national development.

The Inaugural lecturer on the occasion.

Professor S. S. Okoya and the wife, Dr (Mrs) Aderonke A. Okoya flanked by the chairman of the occasion, Professor C. O. Ajila (DVC Administration) and the Registrar of the University, Mrs Margaret Omosule.

A cross-section of the audience listened to the Inaugural lecture: Front row from the left to right; Dr. Opeyemi Babayomi (son-in-law), Rev, Toye Oyero, Rev. Olufemi Oyelade, Deputy General Overseer of the New Covenant Church, Dr (Mrs) A. A. Okoya and son, Pharm. Funmbi Okoya.

The Inaugural celebrant, Professor S. S. Okoya flanked by his wife, Dr (Mrs) A. A. Okoya and former Vice-Chancellor of Obafemi Awolowo University, Ile Ife, Nigeria, Professor Michael Faborode.

Mathematicians from Landmark University, Omu-Aran, Kwara state

Group photograph of the celebrant and his wife with some postgraduate students and staff members of the Mathematics Department, OAU, Ile-Ife, Osun State as well as their wives.

Mathematicians from Federal University Technology, Akure, Ondo State at the reception.

Cross-section of the colleagues from University of Lagos, Lagos state at the reception.

Reported by Dr. (Mrs) Oludolapo K. Olumurewa
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2020-2021 Bellman prize Winners Announced

A paper by Professor Abba Gumel of the Arizona State University, USA co-authored with his former student, Dr. Kamaldeen Okuneye who earned his Ph.D. in Applied Mathematics in 2018 from Arizona State University was chosen for the 2020-2021 Bellman prize.

As you may know, the prize is given every two years to the authors of a paper published in the Journal Mathematical Biosciences that has made outstanding contributions to the research field.

Current and past winners with the article titles

2020-2021
Analysis of a temperature- and rainfall-dependent model for malaria transmission dynamics
Kamaldeen Okuneye and Abba B. Gumel

Honorable Mention for:
Particulate suspension effect on peristaltically induced unsteady pulsatile flow in a narrow artery: Blood flow model
Sara I. Abdelsalam and Kambiz Vafai

2014-2015
Harvest timing and its population dynamic consequences in a discrete single-species model
Begoña Cid, Frank M. Hilker, Eduardo Liz

2012-2013
Risk perception and effectiveness of uncoordinated behavioral responses in an emerging epidemic
Piero Poletti, Marco Ajelli, Stefano Merler

2010-2011
A general approach for population games with application to vaccination
Timothy C. Reluga and Alison P. Galvani

2008-2009
Size distribution dependence of prion aggregates infectivity
Vincent Calvez, Natacha Lenuzza, Dietmar Oelz, Jean-Philippe Deslys, Pascal Laurent, Franck Mouthon, and Benoit Perthame

2006-2007
Mathematical modeling of cancer radiovirotherapy
David Dingli, Matthew D. Cascino,

Krešimir Josić, Stephen J. Russell, and Željko Bajzer

2004-2005
A physiological model of cerebral blood flow control
M. Banaji, I. Tachtsidis, D. Delpy, and S. Baigent

2002-2003
Reproduction numbers and sub-threshold endemic equilibria for compartmental models of disease transmission
Pauline van den Driessche and James Watmough

2000-2001
Metabolic isotopomer labeling systems: Part I: global dynamic behavior
Wolfgang Wiechert and Michael Wurzel

1998-1999
A model of microbial growth in a plug flow reactor with wall attachment
Mary Ballyk and Hal Smith

1996-1997
The intrinsic rate of increase of HIV/AIDS: Epidemiological and evolutionary implications
Levin, B.R., J.J. Bull, and F.M. Stewart

1994-1995
Mathematical modeling of corneal epithelial wound healing
Paul D. Dale, Philip K. Maini, Jonathan A. Sherratt

1990-1991
Geometric optical investigation of

the underwater visual field of aerial animals
Gábor Horváth, Dezső Varjú

1988-1989
Complex oscillations in the human pupil light reflex with "mixed" and delayed feedback
Andre Longtin, John G. Milton

1986-1987
A stochastic model of cell division (with application to fission yeast)
Wolfgang Alt and John J. Tyson

1984-1985
A mathematical procedure for solving the inverse potential problem of electrocardiography. analysis of the time-space accuracy from in vitro experimental data
*P. Colli-Franzone, L. Guerri, S. Tentoni, C. Viganotti, S. Baruffi, S. Spaggiari and B. Taccardi
Inoculation and recovery rates in the malaria model of Dietz, Molineaux, and Thomas Jerry Nedelman*

Prof. Abba Gumel: *agumel@asu.edu* is an active Associate Editor of the Journal of the Nigerian Mathematical Society. Congratulations.

CONGRATULATORYMESSAGES

On behalf of the Editor and the Associate Editors of the Notices of the
Nigerian Mathematical Society, I congratulate

Professor Ezekiel Olusola Ayoola
who was elected by an overwhelming majority of the Senate members of the
University of Ibadan, Ibadan, Nigeria as the Deputy Vice-Chancellor (Administration)
on Thursday the 4th of November 2021. Wishing him successful tenure in office.

Mrs Deborah Olayide A. Ajayi (nee Suberu)
active member, the Nigerian Women in Mathematics of Department of Mathematics,
University of Ibadan, Ibadan who was promoted a full Professor in November 2021.
Greater height in your academic endeavours, Professor (Mrs) D. O. A. Ajayi

Isa Garba Abor
 (Chairman, LOC, 2022 Sokoto) of Department of Mathematics, Usmanu Danfodiyo
University, Sokoto was promoted a full Professor in December 2021. Greater
height in your academic endeavours, Professor Isa Garba Abor.

Professor Ezekiel Olusola Ayoola
is the second occupier of Pastor Enoch Adejare Adeboye Endowed Professorial
Chair in Mathematics, University of Ibadan, Ibadan, Nigeria. Wishing you successful
tenure in the office.

Oluwole Daniel Makinde
Stellenbosch University South Africa, listed internationally as a Top Engineering
and Technology Scientist for 2022

By: **Prof. Samuel S. Okoya**
Editor, Notices of the NMS (2016-till date)

Professor Promise Mebine on his appointment as the Director/Chief Executive of the National Mathematical Centre, Abuja in September 2021. Wishing him good success in office.

Professor Stephen Ejugwu Onah (FMAN, FIIA) who was Director/Chief Executive, National Mathematical Centre, Abuja August 2016 – July 2021. Wishing you happy rest after your successful tenure in office.

Professor James Adedayo Oguntuase FNMS on his appointment as the Chairman of Council, National Mathematical Centre, Abuja on 15th May 2021. Wishing you good success in office.

Group photograph of the Council of the Nigerian Mathematical Centre, Abuja, Nigeria
Front row. L–R: Dr. D. Umezurike, Mrs. E. I. Aniah-Betiang, Prof. P. Mebine (Director/Chief Executive), Prof. A. A. Haliru, Prof. J. A. Oguntuase (Chairman of Council), Engr. A. O. Febo, Dr. O. Abu.
Back row. L–R: Dr. B. F. Azuka (Ag. Registrar), Alhaji M. A. Ibrahim (Bursar, in attendance), Prof. B. M. Abdulhamid, Mr. M. L. Faruk and Mr. A. Adeoye

Congratulations

The Nigerian National Merit Award under the office of the Presidency, Federal Republic of Nigeria on the 8th of February, 2022 conferred the Nigerian National Order of Merit (NNOM) medals and certificates to two illustrious Mathematicians among the three recipients for 2020 and 2021. The esteemed mathematicians are Late Professor Charles Ejike Chidume and Professor Godwin O. Samuel Ekhaguere; both of them were fellows of Nigerian Mathematical Society and served in various capacity in the society. Since the inception of the NNOM in 1979 to date, only 79 people have received this prestigious award. Each awardee is to receive the sum of ten million naira (N10m) only.
Visit https://www.meritaward.ng/application.php for the 2022 Application form.

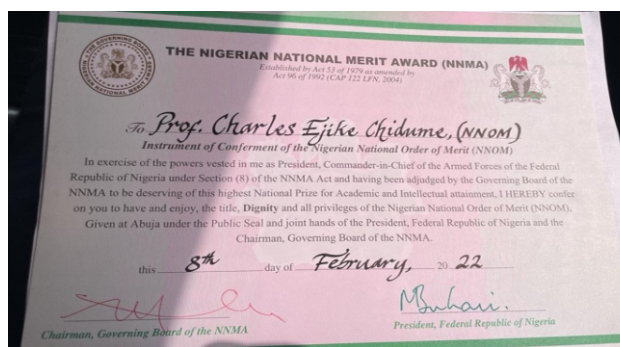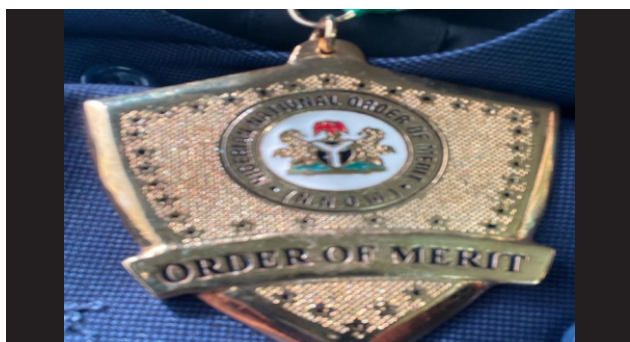President of the Federal Republic of Nigeria, Muhammadu Buhari (Centre) and to his right, Prof. G.O.S. Ekhaguere

Dr. Okechukwu Chidume receiving the certificate on behalf of Late Professor Charles Chidume from Mr President, Muhammadu Buhari

Prof. G.O.S. Ekhaguere in a white apparel as a recipient of the NNOM

By: Prof. Samuel S. Okoya, *FNMS, FMAN*
Editor, Notices of the NMS (2016-2022)

OAU AT 60: MATHEMATICIAN BAGS FACULTY OF SCIENCE OUTSTANDING ALUMNUS AWARD

Reported by Dr. (Mrs) Oludolapo K. Olumurewa, Associate Edior, Ilesa, South West. ok.olumurewa@gmail.com

60th Diamond Jubilee Anniversary of Obafemi Awolowo University (OAU), Ile-Ife, Nigeria was commemorated by the OAU community and the Faculty of Science celebrated 60 years of existence on the 20th of October, 2021 at the Oduduwa hall, OAU. This celebration coincides with the birthday of Prof. Samuel S. Okoya who also delivered the keynote address and received the Faculty of Science Outstanding Alumnus Award.

Left to right: The Vice-chancellor of OAU, Prof. Eyitayo O. Ogunbodede and the chairman/co-awardee, at the occasion, Mr. Chikezie Nwosu (MD/CEO Waltersmith petroman Oil Limited) on the high table.

The Vice-chancellor of OAU, Prof, Eyitayo O. Ogunbodede during his address.

The Deputy Vice-Chancellor (Academics) OAU, Prof. Olubola Babalola, on the high table.

Left to right: The Deputy Vice-Chancellor (Administration) OAU, Prof. M. A. Daramola, the keynote speaker/awardee, Prof. Samuel S. Okoya and the Dean, Faculty of Science, Prof. Isaac O. Adewale on the high table.

Cross-section of the audience with Prof. Nike Kuku in yellow outfit (Co-awardee and Vice-chancellor of Kings University, Ode-Omu, Osun State) flanked by her husband (left).

The chairman/co-awardee Mr. Chikezie Nwosu on the high table.

Cross-section of audience: on the LHS Prof. Musbau A. Akanji (Co-awardee and former Vice-chancellor of the Federal University of Technology, Minna) flanked by his wife (right).

Prof. S. S. Okoya delivering the keynote address at the occasion.

Cross-section of dignitaries at the occasion.

Prof. S. S. Okoya exchanging pleasantry with Mr Chikezie Nwosu, his class mate during their undergraduate days.

Prof. S. S. Okoya and the wife, Dr (Mrs) Aderonke A. Okoya with surprise birthday cake presentation.

Right to left: Dr (Mrs) L. M. Durosinmi (former Dean, Students' Affairs, OAU) presents the plaque to Prof. S. S. Okoya in the presence of the wife, Dr (Mrs) A. A. Okoya.

Group photograph with friends, colleagues and postgraduate students at the presentation.

Department of Mathematics, Lagos State University,
Nigeria in Celebration of Excellence in Honour of our Academic Icon
Professor Michael O. Ajetunmobi B.Sc(Ife), M.Sc(Ife), Ph.D(Ibadan).
On his 70th Birthday and Retirement rrom Service
on Tuesday 23ʳᵈ February, 2021 at Lagos State University (LASU), Nigeria

Cutting of cake by the celebrant at the ceremony

Presentation of gift by the Acting Head, Department of Mathematics, LASU, Dr. R. A. Mustapha to the celebrant, Prof. Michael O. Ajetunmobi FNMS at the ceremony.

L-R: Dr Adetunji Adeniyan, Dr. A. A. Mogbademu and Prof. J. O. Olaleru from Univeristy of Lagos, Lagos, Nigeria with the celebrant, Prof. Michael O. Ajetunmobi FNMS at the ceremony

Group photograph of staff of Department of Mathematics, LASU with the celebrant

Presentation of plaque for meritorious service by Professor J. O. Olaleru, Special Guest from UNILAG to the celebrant Prof. Michael O. Ajetunmobi FNMS in the presence of the Acting Head, Department of Mathematics, LASU, Dr. R. A. Mustapha on the LHS at the ceremony.

The Dean, Faculty of Science, Professor Adenike Boyo on the Celebrant's RHS, Faculty members and some Friends of the celebrant at the occasion.

*By: Prof. Mustapha Adewale Rilwan
Ag. Head, Department of Mathematics,
Lagos State University, Ojo.
rilwan2.mustapha@lasu.edu.ng*

International Mathematics Conference in Honor of

70th
BIRTHDAY AND RETIREMENT
FROM SERVICE

PROFESSOR OLABISI OREOFE UGBEBOR

Olabisi Oreofe Ugbebor (nee Grace Olabisi Falode), Professor of Mathematics at the University of Ibadan, Ibadan, NIGERIA, turned 70 on January, 29 2021. Professor Olabisi Ugbebor is the pioneer President of Nigerian Women in Mathematics and first Nigerian woman to obtain a PhD degree in Mathematics (awarded by the University of London in 1976 at the age of 26). Having spent over 40 years of teaching, research and community service at the University of Ibadan, Professor Olabisi Ugbebor has served as teacher and mentor to several people and contributed vastly to the academic world in Nigeria and internationally. A two-day (January, 28 -29 2021) conference was organized in her honor to mark her 70th birthday and retirement from services of the University of Ibadan.

The theme of the conference was Mathematics: Frontiers, Perspectives and Applications.

Day 1 of the conference started with an opening ceremony which held virtually and physically at the Faculty of Science lecture theatre, University of Ibadan. It had in attendance the representative of the Vice-Chancellor, the Dean of the Faculty and other dignitaries. The conference was declared open by the Acting Vice-Chancellor, Professor Ekanola ably represented by the Dean of the Faculty of Science Professor E. A. Ayodele. The opening ceremony was concluded with two plenary talks. The first was a highly motivating talk titled 'From classical probability and orthogonal polynomials to natural extensions of quantum theory' given by Professor Luigi Accardi of Centro V. Volterra, Università di Roma Tor Vergata. For the second talk, we were exposed to the research of Professor Ugbebor by Professor Onah (Director, National Mathematical Centre) and Dr Edeki (Covenant University), who were her former PhD students.

After the opening ceremony, the participants had group photographs and a short break. The conference continued at about 2.00pm with three parallel sessions which held both virtually and physically at the New Mathematics Building. The sessions were:

i. Differential Equations and inclusions: applications and generalisations chaired by Dr. P. O. Arawomo

ii. Statistics, Modelling Probability and Mathematical Finance chaired by Dr. M. Ogundiran

iii. Functional Analysis and Algebra chaired by Dr. Deborah O. Ajayi

Day 2 of the program was a continuation of the conference and a colorful celebration of the birthday which held both virtually and physically at the Trenchard Hall, University of Ibadan, Ibadan. Prof. Olabisi Ugbebor's colleagues, former and current students, family, and friends as well as church members were around to celebrate with her.

It kicked off with a lecture titled "On Impulsive control system with impulse time windows" by Prof. Yuming Feng of Key Laboratory of intelligent Processing and Control, Chongqing Three Gorges University, Wanzhou, Chongqing, China.

Group photograph

The proceedings of the conference was published by the Department of Mathematics, University of Ibadan, with the permission of the Nigerian Association of Mathematical Physics (NAMP) and appeared in Trans of NAMP Volume 16 w - 371 (Jul - Sept) 2021.

This was immediately followed by the celebration proper with hymns, prayers, rejoicing, songs, tributes by various people and groups, dining and wining.

Indeed Mama (as she is fondly called) is a highly respected teacher, a role model, a woman of valor, a mentor of uncommon virtues, with fear of God, integrity, meticulous nature, creative mind and discernment and spiritual insight. She is a woman of many firsts. The firsts include Nigerian woman to obtain a PhD; Nigerian woman to be appointed head of the department of Mathematics, University of Ibadan; Woman Professor of Mathematics at University of Ibadan; President of Nigerian Women in Mathematics; Woman to be elected Fellow of the Nigerian Mathematical Society; Woman Chairman of Deacons of Oritamefa Baptist Church; Woman Sunday school superintendent of the Oritamefa Baptist Church. Professor Olabisi Ugbebor is a trailblazer, pacesetter, rehabilator who has impacted many lives.

Congratulations to Professor Ugbebor, may she continue to age gracefully and be of service to God and humanity.

Mama cutting cake flanked by her husband and son

Representatives of Nigerian Women in Mathematics

Some family and friends with Mama

Some attendants

By: Dr. Michael EniOluwafe
Ag. Head, Department of Mathematics,
University of Ibadan, Ibadan, Nigeria
michael.enioluwafe@gmail.com

"JAG**MODEL**"

A PERSONALITY PROFILE OF PROFESSOR
JACOB ABIODUN GBADEYAN, *FMAN, FAC, FNMS*

"We are gathered here today to celebrate: an accomplished Academic, a seasoned Professional, a good Manager of Human and Material Resources, a Mentor with a deep sense of Empathy, a man of God who has Replicated himself in many of us (Academic/Institutional Sustainability)" said by Prof. C. K. Ayo. While Prof. S. S. Okoya said "The greatness of a man is not in how much wealth he acquires, but in his ability to affect those around him positively". (Quoting Bob Marley). These two personalities were the key speakers during the personality lecture organized by the mentees of Prof. J. A. Gbadeyan on the 21st December, 2021 at the university of Ilorin when Prof Gbadeyan turned 70 years and retired from the service of University of Ilorin, Ilorin. Nigeria.

Professor Jacob Abiodun Gbadeyan, is a distinguished Professor of Mathematics and a committed academician. Born on the 24th

Professor Gbadeyan receiving the award of Fellow of the Nigerian Mathematical Society from the President of the Society, Prof. N. I. Akinwande at FUT Minna in 2016

Decenber,1951, in Ijomu Oro, Kwara State. He attended Christ Anglican Primary School, Ijomu-Oro, Kwara State, Nigeria, between January, 1957 and December, 1964. Thereafter, he had his secondary education at Oro Grammar School, Oro, Kwara State, between January, 1965 and December, 1969. He later proceeded to the famous Government Secondary School, Ilorin for his Higher School Certificate (H. S. C.) between January 1970 and December 1971. Professor Gbadeyan had his university education at Ahmadu Bello University, Zaria, Nigeria, where he obtained his B. Sc. Degree in Mathematics with first class in 1976 under the auspices of Federal Government Scholarship.

In his quest for Gloden fleece, he went to one of the top University in Canada, University of Waterloo,

Jacob Abiodun during the matriculation ceremony in 1973 at Ahmadu Bello University, Zaria, Kaduna State, Nigeria.

Prof. Gbadeyan was the available tool the University of Ife (now Obafemi Awolowo University), Ile-Ife, Nigeria used to rescue me from my early career storms… says Prof Okoya

The celebrant, Prof. Gbadeyan and wife flanked by the speakers (Prof. C.K. Ayo and Prof. S. S. Okoya and wife)

Prof. Gbadeyan and Prof. M. O. Ibrahim in standing posture during reception

Group photograph

Ontario Canada, where he meritoriously earned his Master's (M. Maths) 1980 and Ph. D. 1984 degrees having won the prestigious Canadian Commonwealth Scholarship (1978-1983) and the University of Waterloo Dean's Scholarship (1983-1984). The first home-grown Professor of Mathematics from Kwara State by October 1st 1993; The first Professor to receive the Fellow of the Nigerian Mathematical Society at Department of Mathematics, Unilorin in 2016

Prof Okoya said, the first Professor of Mathematics to supervise 39 PhDs in Nigeria; "The supervisees of Prof. Gbadeyan (i.e., Prof. T.O Opoola, 1989 Prof. S.T Oni, 1991 Prof. M. Y. Aiyesimi, 1995 Prof. A.W. Gbolagade, 1998 (RIP) Prof. A.S. Idowu, 1998 Prof. C.K. Ayo, 1999 Dr. E. O. Titiloye, 2001 Prof. M.S. Dada, 2002 Prof. Simeon Daniel, 2002 Dr. A.F.J. Bello, 2002 Dr. M.A. Usman, 2003 Prof. Adetunde Isaac, 2003 Prof. Mrs. F. O. Akinpelu, 2003 (RIP) Prof. M.O. Ibrahim, 2004 Dr. I.O. Abiala, 2010 Dr. M.C. Agarana, 2011. Dr. Y.B. Isede, 2012. Dr. A.O. Babatunde, 2013 Dr. R.O. Oladele, 2013 Dr. A.R. Hassan, 2014. Dr. S.G. Fashoto, 2014. Dr. M.O. Odim, 2014. Dr. A. U. Jos, 2014. Dr. R.A. Kareem, 2015. Dr. T.L. Oyekunle, 2015. Dr. Mrs. A. M. Olanrewaju, 2016. Dr. T.O. Olotu, 2017. Dr. I. O. Olaleye, 2017. Dr. F. A. Hammed, 2017. Dr. O.O. Agboola, 2017. Dr. A. A. Opanuga , 2017, Dr.

'Dare Akinremi 2021) (home and abroad) should be full of gratitude to God and flow in gratitude to their benefactor. Ask me why? I know a PhD candidate at a University in Nigeria that spent 25 years to earn a PhD in 2016 and retired in 2017 at the age of 65 years.

The acronyms JAG Model (PREMALR) symbolizes: Professionalism, Rigour, Empathy, Mentorship and Academic Leadership & Recognition (Rewards for the Model) which described Prof Gbadeyan perfectly well, says Prof C. K. Ayo. "Sustainability is not a goal to be reached but a way of thinking, a way of being, a principle we must be guided by" However, it will be good to conclude on this note that Professor Jacob Abiodun Gbadeyan wants to be remembered as "A simple and straight-forward man who loves God and mathematics and has spent his time, money and intellect towards both-building up people to love what he loves; eventually replicating himself in others". And this is our quote of the celebration.

By Prof Amos Sesan Idowu,
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THE ROLE OF MATHEMATICAL SCIENCES IN SUSTAINABLE DEVELOPMENT GOALS

An International Conference on Contemporary Developments in Mathematical Sciences (ICCDMS) Organized by the Department of Mathematics, Federal University of Technology, Minna in Honour of **Professor Kayode Rufus Adeboye** BSc (Lagos), MPhil (Readings), PhD (Ilorin), FMAN, FNMS, FAC On Tuesday, 13th April, 2021

Early life and education

Professor Kayode Rufus Adeboye was born in Egbe-Ekiti on April 12th, 1949 to Chief and Mrs. Daniel O. Adeboye. He attended Ekiti Parapo College, Ido-Ekiti, for his Secondary School Education. For his tertiary education, he attended Oluloyo College of Education, Ibadan, Nigeria from 1964 to 1966. He commenced his undergraduate degree programme in 1968 at the University of Lagos and got Western State University scholarship in 1969. He graduated with a B.Sc. with Honours (Second Class Upper Division) in Mathematics in 1971 and following his brilliant performance in his undergraduate course, he was awarded a University of Lagos Postgraduate Scholarship in 1972 and 1973, AFGRAD Scholarship, USA in 1974, Federal Government Postgraduate Scholarship in 1974 and University of Ife fellowship in 1976 to continue his studies at University of Reading, Reading, England. From 1973 to 1975 he worked as a Tutor at the University of Ife now Obafemi Awolowo University.

Professor Kayode Rufus Adeboye left Nigeria in 1975 at the age of 26 on scholarship to pursue postgraduate studies in Mathematics at the University of Reading, Reading, England. On successfully completing this course in 1978, he returned to Nigeria and continued his academic work as Assistant Lecturer (1978 - 1980) and Lecturer II (1980 - 1982) at the University of Ife and Research Officer (1982 - 1989) at the National Teacher Institute, Kaduna, Nigeria. He embarked on his PhD degree in Mathematics at the University of Ilorin, Nigeria in 1988 supervised by Prof. M. A. Ibiejugba of blessed memory.

Kayode Rufus Adeboye was awarded the PhD degree in Mathematics by the University of Ilorin in 1991 at the age of 42.

He later joined the service of Federal University of Technology, Minna in 1989 as Senior Lecturer in the Department of Mathematics/Computer Science and rose to the rank of a Professor of Mathematics in 1997. He taught mathematics at the Federal University of Technology, Minna for more than 30 years.

At the Federal University Of Technology, MINNA

At the Federal University of Technology, Minna, he has been the thesis advisor for twelve Ph.D. students and the joint thesis advisor of many Ph.D. students with Professor N. I. Akinwande, Prof. Y. M. Aiyesimi, Prof. Y. A. Yahaya, Prof. U. Y. Abubakar and Prof. R. O. Olayiwola. He has supervised the studies of 31 M.Tech. Students, 120 postgraduate diploma students between 1994 and 2010 and more than 250 undergraduate students' projects between 1991 and 2019.

The numerous roles he has had at the Federal University of Technology, Minna include but are not limited to the following: School Time-Table Officer (1992 - 1999); Head of Department (1993 - 1999); Member, University Senate (1992 - 2019); Chairman, Computer Centre Service Board (1997 - 2002); Chairman, School Examination Malpractices Committee (1990 - 1999); Member, University Students' Disciplinary and Examination Malpractices Committee (1990 - 2007); Member, School Research Committee (1993 - 2006); Chairman, University Ceremonies Committee (1993 - 2003); Chairman, University Fees Review Committee (1998 - 2003); Member, Appointments and Promotion Committee (1997 - 2000); Chairman, Students' Crisis Investigation Committee, Federal University of Technology, Minna, Nigeria (2001); Chairman, University Staff School Management Board, Federal University of Technology, Minna, Nigeria (1999 - 2003); Chairman, Millenium Bug Committee, Federal University of Technology, Minna, Nigeria (1998 - 2002); Dean, School

of Science and Science Education (1999 - 2003); Member, Committee of Deans (1993 - 2003); and Chairman, Senate Committee on Senate Standing Orders (2008).

By: Prof. R. O. Olayiwola
Head, Department of Mathematics/
Chairman Organising Committee,
Federal University of Technology, Minna.

Prof. K. R. Adeboye with the Chairman Organizing Committee (Prof. R. O. Olayiwola) during the conference in April 2021.

L – R: Dr. M. D. Shehu (Head of Department), Prof. J. Yisa (Dean, SPS), Prof. O. K. Abubakre (Dean, PGS representing Vice-Chancellor), Prof. K. R. Adeboye (FNMS), Prof. R. O. Olayiwola (Chairman, LOC), Prof. U. Y. Abubakar and other member of Staff present at the Conference in April 2021.

L – R: Prof. O. K. Abubakre (Dean, Post Graduate School), Prof. K. R. Adeboye (FNMS), Prof. J. Yisa (Dean, School Physical Sciences) during the Conference in April 2021.

Cross section of the participants at the Conference in April 2021.

Prof. K. R. Adeboye delivered his speech with Prof. Y. A. Yahaya standing during the Conference in April 2021.

Prof. K. R. Adeboye with the Staff of Department of Mathematics, FUT Minna after the Birthday Ceremony organized for him in house a day before Conference in April 2021.

Prof. K. R. Adeboye with the wife and some Staff of Department of Mathematics, FUT Minna during the presentation of Birthday Card in April 2021.

L – R: Prof. N. I. Akinwande, Dr. M. D. Shehu (HOD), Prof. K. R. Adeboye with the wife and Prof. Y. A. yahaya during the Birthday Ceremony in April 2021.

INTERNATIONAL CONFERENCE IN HONOR OF PROFESSOR SAMUEL AKINDIJI ILORI'S 70TH BIRTHDAY

12TH – 13TH JANUARY, 2015

The celebrant, Professor Ilori and wife at the conference

Conference registration with Prof Ogene of IMU and others

Group photograph of Prof. Ilori and wife with some of his students and colleagues

The Department of Mathematics, University of Ibadan, Ibadan, organised a two-day International Conference in honor of Professor Samuel Akindiji Ilori's 70th birthday at the Conference Centre, University of Ibadan, Ibadan on 12 - 13 January, 2015. The Conference provided a forum for discussing different perspectives of Mathematics and recent developments in certain fields. Invited talks were given by Professors C. E. Chidume, S. Kaji, W. Ogana and Professor M. O. Ajetunmobi. The conference had in attendance over 200 participaants across the globe.

Day 1 of the conference featured the opening ceremony and the the invited lectures by Professor Ajetunmobi, Professor Kaji and Professor Chidume. Later in the evening the conference dinner held at the Trenchard hall, University of Ibadan, where there were celebrations and tributes in honor of the celebrant.

The second day of the conference featured the invited talk by Professsor Ogana which was an eye opener to the various support available for Mathematical activities in Africa. Parallel sessions of presentation of academic papers in the pure Mathematics, applied Mathematics, Statistics and Education held in the various meeting rooms of the Conference centre in the morning after the tea break and afternoon after lunch.

The proceedings of the conference titled 'Perspectives and Developments in Mathematics' was published by National Mathematical Centre, Abuja, and Department of Mathematics, University of Ibadan, Ibadan, Nigeria with ISBN: 978-8141-26-9.

Professor Deborah O. AJAYI

Department of Mathematics,
University of Ibadan,
Ibadan, Nigeria

Dignitaries at the opening ceremony of the international conference in honor of Prof S. A. Ilori

Day 2 of the conference Professor Ekhaguere making a speech

Representatives of NMS Professor Akinwande (President) and Professor Adeniran (Secretary) at the conference

Prof. Ogana (Director of AMMSI), Prof. Ajetunmobi and Dr Kaji at the conference

Professor Chidume presenting a plenary talk at the conference

The conference/birthday dinner – Professor Ilori cutting the birthday cake with family and colleagues

International Conference on Contemporary Mathematics and the real world organized by the Department of Mathematics, University of Ibadan, Nigeria on the 70th birthday Anniversary of Professor Godwin Osakpemwoy Samuel (GOS) Ekhaguere Held on 22nd - 25th May, 2017

Dignitaries at the opening ceremony of the International Conference in honour of GOS

GOS with wife and daughter

Prof Emeritus Ayo Banjo, Prof Idowu Olayinka, VC, GOS, wife (7th-10th left) daughter (1st left) at the conference opening ceremony

VC Prof Olayinka presenting a gift to Prof Patterson

GOS and wife at the conference dinner

GOS with plenary speakers and colleagues

GOS with colleagues and students at conference opening ceremony

GOS and colleagues at conference

Guests at cocktail party at conference opening ceremony

Prof Smarandache delivering his paper

Prof Patterson delivering his paper

VC Prof Olayinka receiving Prof Patterson, plenary speaker at conference

GOS and wife preparing to cut 70th birthday cake at conference dinner

Prof Ilori greeting GOS at conference dinner

GOS with Maths Dept staff and friends at conference opening ceremony

Also, a book titled "GOS Ekhaguere: A Multi-perspective Glimpse into the Life of a Mathematician at 70" was published by the International Centre for Mathematical and the Computer Sciences and the Department of Mathematics, University of Ibadan, Ibadan, Nigeria with ISBN 978-37246-6-5.

The proceedings of the conference was published by the Department of Mathematics, University of Ibadan, with the permission of the Nigerian Association of Mathematical Physics (NAMP) and appeared in Trans of NAMP Volume 6 vi - 393 pages (Jul - Sept) 2018.

Prof. Deborah O. Ajayi
Department of Mathematics
University of Ibadan, Ibadan, Nigeria

FOR 80 YEARS OF DIVINE MERCY
PASTOR ENOCH ADEJARE ADEBOYE CELEBRATES 80TH BIRTHDAY

Pastor E. A. Adeboye @ 80: Pastor Adeboye dazzles in a military General outfit as he marks His 80th birthday in grand style on the 2nd of March, 2022.

The Impact of Daddy GO in Mathematics.

The Apapa Family of The Redeemed Christian Church of God in honour of Pastor E. A. Adeboye has endowed four Professorial Chairs in his name and domiciled at the following institutions: University of Lagos (2009), University of Ibadan (2010), University of Nigeria, Nsukka (2011) and Obafemi Awolowo University, Ile-Ife (2012). He was invested as a Fellow of the Nigerian Mathematical Society (FNMS) in 2015 at the University of Lagos in recognition of his impact in Mathematics. The Pastor E. A. Adeboye Endowed Professorial Chair is awarded to recognize an outstanding Professor in Mathematics. Previous and current recipients of the Endowed Professorial Chairs in Mathematics are Prof. (Mrs) Folake O. Akinpelu (UNILAG), Prof. Ezekiel O. Ayoola (UI), Prof. Samuel S. Okoya (UNILAG), Micah O. Osilike (UNN), Prof. (Mrs) Olabisi O. Ugbebor (UI).
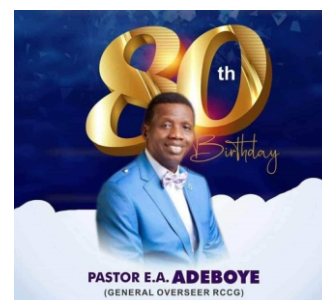
Happy birthday from the Mathematics community.

On the cleric's 80th birthday, President of the Federal Republic of Nigeria Muhammadu Buhari celebrates and salute Pastor Adeboye

Vice President of the Federal Republic of Nigeria, Pastor Yemi Osinbajo congratulates Daddy GO in the company of his wife.

Pastor E. A. Adeboye and the wife

By: Prof. S. S. Okoya
Department of Mathematics, Obafemi Awolowo University, Ile-Ife, Nigeria.

The surprised birthday ceremony took place in
Lagos on March 13 , 2022 by his children

The Editor-in-Chief invites all readers, from students to retired folks, to get more involved with Notices as authors, writers of Letters/send pictures captions to the Editor, and so on:

E-mail your interests, ideas, pictures of events with captions or suggestions to *noticesnms@gmail.com*

www.nigerianmathematicalsociety.org

PROFESSOR
CHARLES EJIKE CHIDUME

Reported by Prof. Eric Ofoedu, Associate Editor, South-East. euofoedu@yahoo.com

Professor Charles Ejike Chidume was born in Abba Village, Nimo in Njikoka Local Government Area of Anambra State on 11th day of August, 1947. He was the first child of Mr. Emmanuel Ndibe Chidume and Mrs. Susan Chinwe Chidume (Nee Okonkwo), both of blessed memory. He was fondly known as Shoga.

CAREER HIGHLIGHTS:

- Served as Coordinator DICTP (Mathematics), Research Scientist with the International Centre for Theoretical Physics (ICTP), UNESCO and IAEA;

- Acting President and Interim Provost, Head of Department of Pure and Applied Mathematics, Director Mathematics Institute and Vice President (Academic), African University of Science and Technology (AUST), Abuja.

- Professor C. E. Chidume has published eight (8) books, a Research Monograph (Springer) and over one hundred and fifty five (155) journal articles (excluding conference papers) in high level international journals.

- Professor C. E. Chidume has served as Associate Editor in Eleven (11) high level international journals.

- He has supervised nineteen (19) PhD and over eighty (80) M Sc theses for students from the following sixteen (16) countries: Cameron, Egypt, Ethiopia, Ghana, Indonesia, Iran, Kenya, Morocco, Nepal, Nigeria, P. R. Congo, Senegal, Somalia, Syria, Sudan and Vietnam.

Prof. Chidume during one of his speech delivery while he was at ICTP.

Professor C. E. Chidume in his Fellow Academy of Science (FAS) Gown.

Professor C. E. Chidume and Ngozi Okonjo Iweala.

Prof. C. E. Chidume and his wife, Dr. (Mrs.) C. I. Chidume, with some secondary school students mentored by Professor Chidume towards his last days on earth.

- Professor C. E. Chidume has given invited talks in Africa, Canada, Europe, Israel, and USA.

SPECIAL AWARDS RECEIVED BY PROFESSOR CHARLES EJIKEME CHIDUME:

- (2022) Recipient of Presidential Merit Award: Professor Charles E. Chidume is to be honoured post-humously with Nigeria National Order of Merit (NNOM) Award in Science (2020).
- (2019) Winner of AMMSI-Philip Griffiths Prize for his outstanding contribution to Mathematics
- (2018) Awarded Honour Certificate by the Romanian Mathematical Society
- (2010) Elected Fellow of Third World Academy of Science (FTWAS)
- (2006) Elected Fellow of Nigerian Academy of Science (FAS)
- (2006) Elected Fellow of the Nigerian Mathematical Society (FNMS)
- (October 1991 – June 1992) Elected Visiting Mathematician, International Centre for Theoretical Physics, Trieste, Italy.
- (1988) Elected Regular Associate, International Centre for Theoretical Physics, Trieste, Italy.
- (1988) Awarded Third World Academy of Sciences Research Grants

- (1986) Awarded a British Council Fellowship in Mathematics at Mathematics Institute, University of Warwick, Coventry, England, United kingdom.

Professor Chidume was happily married to Dr. (Mrs.) Cecilia Ifeoma Chidume. The marriage was blessed with four children, namely: Chukwudi, Ada, Kenechukwu and Okechukwu.

Professor Charles Ejikeme Chidume may be gone in flesh but his legacy lives on forever.

Prof. C. E. Chidume teaching some secondary school students

Professor C. E. Chidume and his wife, Dr. (Mrs,) Cecilia Ifeoma Chidume.

Professor Chidume with Professor Allotey and some participants in one of Edward Bouchet Conferences in Ghana.

Prof. C. E. Chidume flanked by Prof. M. O. Osilke and E. U. Ofoedu during one of graduation ceremonies of M Sc Mathemtics students of AUST, Abuja, Nigeria

Professor C. E. Chidume with some of his PhD students.

77 YEARS OF GOD'S FAVOR

PROFESSOR (PASTOR) OLUSOLA AKINYELE

Prof. Olusola Akinyele was born on May 11, 1944. He attended Ibadan Boys High School, Nigeria from 1958 to 1962. He was awarded scholarships to attend the University of Ibadan, Nigeria and graduated with a bachelor's degree in Mathematics in 1968 (Magna Cum Laude). He obtained his Ph.D. at the same University with another scholarship and graduated on June 26, 1971. After getting his Ph.D., he met and married his wife, Elizabeth Akinyele, and they were blessed with six children.

He joined the Department of Mathematics at the University of Ibadan in 1971 as a Lecturer and rose through the ranks to become a full professor in 1983. He served as the Dean of Science from 1988 to 1990, and as the Deputy Vice-Chancellor at the University of Ibadan from 1990 to 1993.

He joined Bowie State University as an Elkins Professor in 1993. His many accomplishments and service include but not limited to:

- Faculty Advisor of the Bowie State University Student Chapter, Mathematical Association of America from 1995 to 2001,
- Chair of the Department of Mathematics at Bowie State University from 1997 to 2004,
- Mathematics Coordinator of the Department of Natural Science and Mathematics (Spring 1997), Member of the School of Arts and Sciences Advisory Committee for Merit Award Program (MAP) in 1997,

He served as Secretary, Acting Editor-in-Chief, and Editor-in-Chief of the Journal of the Nigerian Mathematical Society from 1991 to 1996 (Vol. 10 – 14/15).

Prof. Akinyele received many awards for his contributions in various spheres of life. He received the Concord Press Award for Academic Publishing in 1987. In 1993, he was awarded the Wilson H. Elkins Professorship of Mathematics, the first person to receive the award at Bowie State University. He also received the Lifetime Achievement Award from the College of Arts and Sciences from Bowie State University in 2015.

Prof. Olusola Akinyele supervised and mentored many students at both the undergraduate and graduate levels. He graduated ten Master of Mathematics and three Ph.D. candidates. He participated in an NSF/NASA Sponsored project titled "Science, Engineering and Mathematics

Education Reform: A Model Institution for Excellence (MIE)" with six other faculty members at Bowie State University.

He was a member of the Christ Apostolic Church of Nigeria, Olugbode Branch. He served as the Chairman of the board of trustees of Food Basket Foundation International (FBFI) from 1989 to 2021.

Prof. Akinyele is survived by his older brother, his wife, children, grandchildren, many nieces and nephews, sisters-in-law, and brother-in-law. He was called to glory on Wednesday, August 18, 2021. He will be sadly missed by his family, friends, the Bowie State University community, the members of the Resurrection Church of Jesus Christ, and so many more.

By: Dr. Peter O. Arawomo (Associate Professor)
Doctoral Graduate of Late Prof. Akinyele
Department of Mathematics, University of Ibadan, Ibadan, Nigeria.
womopeter@gmail.com

Citation on
PROFESSOR UFOT ASIBONG-IBE
November 2, 1948 - August 1, 2021 (73 years)

Prof. Ufot Asibong-Ibe was born on November 2, 1948 to the family of late Chief Isaac Asibong-Ibe and Late Jenny Isaac. Both were devout christians and farmers. He hails from Minya, Ukpum Minya Clan, Mkpat Enin local government area. He attended QIC Primary School Minya in 1954 to 1959. He had his secondary school education in 1960-61 at the State College, Ikot Ekpene and from 1962-64 at the Salvation Army Secondary School, Akai in Nsit Ubium LGA. He completed WASCE In 1964, with a grade 1 pass and won the school prize for outstanding performance. From 1965 to 1966 he did higher school certificate successfully in the famous Etinan Institute. In 1967 to 1969 during the civil war, he taught mathematics in Secondary Commercial School and Regina Coeli Secondary School, Esene, both in Ikot Abasi local government area.

University Education And Early Work Experience

In September 1969 he was admitted into Ahmadu Bello University, Zaria to study physics under the South Eastern State Scholarship. However, he changed his program to study mathematics in his second year under the Federal Government scholarship due to his overwhelming interest in Mathematics. In 1971 he won the International Computer Limited Prize for the best second-year student in Mathematics. He graduated in 1972 with a BSc degree in Mathematics in a first class division and won the best graduating student prize in Mathematics.

With his excellent academic records Prof. Asibong-Ibe was appointed an assistant lecturer in the Department of Mathematics, A. B. U. Zaria in September 1972. While carrying out his duties he registered for a part-time study for MSc degree in mathematics in 1973. On completion of his research on Algebra, his favourite area of Pure Mathematics, he was awarded MSc degree in Mathematics in 1974.

The Department of Mathematics A. B. U. Zaria had an exchange program with Faculty of Mathematics, University of Waterloo, Ontario, Canada. In 1975 he went on staff exchange to the Department of Pure Mathematics in the University of Waterloo. He was employed as a teaching assistant with enough opportunity to learn a lot from the system. In 1978

obtained MPhil degree in Pure Mathematics from 1979. He continued his research in Algebra at the University of York England with the sponsorship of the Federal Government and graduated with PhD degree in Mathematics in 1981.

Early Academic and Professional Activities

Professor Asibong-Ibe returned to the Department of Mathematics, A B U Zaria in 1981 to assist in creating a more active mathematics environment than he left it years back. On settling down he got the department to expand her postgraduate program and commenced research activities in Semigroup Theory and other modern areas of Pure Mathematics. He successfully supervised the first PhD graduate in algebra in the department and motivated a lot of others at MSc level. Indeed, the graduates of this initial effort are now professors. During the relatively short period of stay in A.B. U. Zaria. Prof. Asibong-Ibe demonstrated unwavering interest in mathematical studies, and made regular presentations in conferences both nationally and internationally.

In 1983 he received a Travel Award from the International Mathematical Union to represent Nigeria as a young mathematician in the International Congress of Mathematicians in Warsaw. At Warsaw he co-founded the International Committee for Mathematics in Developing Countries (ICOMIDC) which later organised several mathematical activities

in many developing countries. Professor Asibong-Ibe was a member of the National Mathematical Committee for Pan-African Mathematical Congress in 1986 at Jos. He was a treasurer and member of council of the Nigerian Mathematical Society from 1984 to 1991. While in A.B.U Zaria he was promoted to lecturer 1 in 1981 and senior lecturer in 1984.

Administrative and Professional Experience

In August 1988, Professor Asibong-Ibe joined the University of Port Harcourt as a Senior Lecturer on transfer of service. And was appointed the head of Department of Mathematics, Statistics and Computer Science in October 1988. As the first head of the department he needed to lay a concrete foundation for the degree programs in these three areas in the department. That he did successfully and also started postgraduate degree programs in Mathematics and Applied Mathematics in 1990. Some of the graduates of these programs are now professors in the Faculty of Science. Professor Asibong-Ibe led the department through the first NUC accreditation exercise successfully in 1992.

From 1993 to 1998 he served as the Director of Computing Services Centre, University of Port Harcourt driven by the need to transform the Computing Services Centre to a true resource centre for the University. He ensured commencement of basic training on computer software and applications for office staff thereby solving the challenge of replacing manual typewriters with computer systems which were badly required in the university at that time.

He served in various committees of the University including Development Committee, 1990-1991, Delta Publication Committee, 1990-1992, Adhoc and Faculty Committees.

He served as External Examiner to some universities including Bayero University, former University of Cross River, University of Uyo etc, adjunct lecturer to Usman Danfodio University, Sokoto, Akwa Ibom State University and some Colleges of Education and was an external assessor to Federal University of Technology and Nigerian Defence Academy.

Research and Publications

He has written over 34 mathematical research articles published in National and International journals and five books. He has successfully supervised over 60 undergraduate Projects, MSC dissertations and Phd thesis which including that of Dr. U. R. Ndubuisi, Dr O. G. Udoaka, Dr. Offor Paschal just to mention a few.

He was promoted to the rank of professor in 2011 after his return from national service. He is a fellow of the Nigerian Mathematical Society.

Professor Asibong-Ibe served regularly as the Invited Lecturer on Category Theory in the Foundation Postgraduate Programs in Algebra in the National Mathematical Centre, Abuja from inception in 1989 to 2002 along with his involvement in lectures on research courses on Semigroup Theory.

National Service and Community Service

He served as a member of the Governing Council of Akwa Ibom State Polytechnic 1990 to 1991 and a member of the Ad-hoc Education Think-Tank Committee in Akwa Ibom State in 1999. From 2001 to 2011 he was a member of the National Population Commission (NPC) board appointed by the President of the Federal Republic of Nigeria with a mandate to ensure conduct of successful, accurate and acceptable census. While in the commission he was a member of many standing committees including Chairmanship of Information Technology (IT) Committee. As the chairman of the IT Committee, he coordinated all the 2006 census data processing in all the seven Data Processing Centres in the country, while also serving as the Federal Commissioner of NPC in Kaduna State.

Before his demise Prof. Asibong-Ibe was the chairman of Ukpum Minya Clan Union from 2009. He was a title holder of Obong Emem of Ukpum Minya from the Clan Council of Chiefs. He was a widower with eight children and nine grandchildren.

By: Dr. Ugochukwu R. Ndubuisi,
Department of Mathematics,
Federal University of Technology, Owerri

A TRIBUTE TO THE LATE PROFESSOR MONSUR AKANGBE KENKU, FNMS

1. Introduction and preliminaries

Professor Monsur Akangbe Kenku passed away on the 24th June, 2021. He was a leading Number Theorist and one of the world's foremost experts in the area of elliptic curves defined over a quadratic field.

He was born on December 14, 1942, to a very learned family of Alhaji Nojiu Buraimoh Kenku and Alhaji Nimota Aduke Kenku of Lagos Island in Lagos. He received a B.Sc. degree in Mathematics with a First class in 1965 from University of Ibadan and then at the same time was admitted into Balliol Oxford college where he obtained a Diploma in Advanced Mathematics. Two years later, he received his Ph.D. in 1967 at the Oxford as a Nigerian scholar and then joined the faculty of the university of Ibadan in1968 as a lecturer Grade II. He rose through the hierarchies to become a Reader in 1981, and was appointed a Professor of mathematics in 1983 at the University of Lagos.

Professor M. A. Kenku's honors include a college scholarship (1962), a Departmental prize of the Mathematics Department, University of Ibadan (1964-1965), and the commonwealth fellowship (1972-1973). He was a fellow/visiting scientist of the University of California, Berkeley, in spring 1973 and the institute of Advanced studies, Princeton, where he made contributions to the field of number theory. His novel proof of the stark-Heegner theorem is widely cited.

He was appointed Professor of Mathematics in 1983 and HOD in the University of Lagos. He was among the starting editors of Nigerian Mathematics society in 1981.

In 1983, Professor M. A. Kenku was appointed commissioner for works and transportation in Lagos state. He served for three and half years, before returning back to the university of Lagos where he served as Head of Department of Mathematics at the University of Lagos, where he spent a good time of his life, he works between 1983 and 2007. He retired but not tired because of his wealth of experience and academic prowess, thus he stayed back to serve more as a contract professor with the University of Lagos from 2007 to 2012.

Professor M. A. Kenku was a member of the Nigerian Mathematical Society where he served for some years as an associate editor in Algebra and Number theory, Nigerian Actuary society, London mathematical society, American mathematical society and the vice president, Oxford and Cambridge society from 1997 to 1999. He was an active member of Ikoyi club Lagos where he loved to play and watch lawn tennis.

2. Main Mathematical Interest of Prof. M. A. Kenku

Professor M. A. Kenku has been one of that brilliant mathematicians of old school, about whom

Professor Kenku and his wife

A Visit to Professor Kenku before his Death by Department of Mathematics staff members

Professor J. A. Adepoju talked about in his inaugural (1996), that they can do anything for which the degree of logical reasoning and strong analytical mindsets is required. Prof. M. A. Kenku's mathematical results have been published and cited in more than 210 journals and conference papers, brochures and books. The main Prof. M. A Kenku's mathematical interest were the following:

1. Number Theory
2. Arithmetic geometry
3. Arithmetic combinatorics
4. Erogodic Theory

3. M.A. Kenku's character and priorities

Prof. M.A. Kenku has been a hardworking mathematician, who had found a real pleasure in mathematical investigations. He had been a rather

Professor Monsur Akangbe Kenku, FNMS

erudite, polite, kind, decent, generous and friendly person, who was at any time open to his pupils and friends. Most of his colleagues and students would agree without doubt that he was a brilliant teacher and a good friend. He left behind a legacy in the field of number theory with his thought-provoking teaching style and rich scholarly publications. That was why he was worthy evaluated by various mathematicians and mathematical societies.

In 2015, Prof. M. A. Kenku was conferred with the prestigious award of the fellow of Nigerian Mathematical Society, FNMS.

A major role in Prof. M. A. Kenku's life had been played by his lovely wife, Mrs. Absetu Rambette Kenku and his children. The love of Prof. M. A. Kenku to his family may be a role model for us all.

We have lost a brilliant mathematician, family man, colleague and a friend.

4. Appreciations

I am appreciating Professor M.A. Kenku's family, and especially to his dear daughter Amina, for permission of publishing the rare photos of Prof. M. A. Kenku in different periods of his life.

MOGBADEMU, Adesanmi A.
Ag. Head, Department of Mathematics,
University of Lagos, Lagos.
amogbademu@unilag.edu.ng

REPORT ON FACULTY OF PHYSICAL SCIENCES, UNIVERSITY OF NIGERIA, NSUKKA, EMERITUS PROFESSOR J. O. C. EZEILO MEMORIAL LECTURE

Reported by Prof. Eric Ofoedu, Associate Editor, South East. euofoedu@yahoo.com

The Faculty of Physical Sciences, University of Nigeria Nsukka honoured Emeritus Professor J. O. C. Ezeilo by starting a Memorial Lecture Series in his name. The Lecture Series titled "First Emeritus Professor J. O. C. Ezeilo Memorial Lecture" will be an annual event at the Faculty. The aim of the Lecture Series is to engrave the personality and scholarly achievements of Emeritus Professor J. O. C. Ezeilo in the sand of times, thereby providing a ready template for all scientists to follow.

Emeritus Professor J. O. C. Ezeilo was the first President of Nigerian Mathematical Society, a one-time Dean of Faculty of Physical Sciences, University of Nigeria, Nsukka and a one-time Vice-chancellor of the University of Nigeria Nsukka. He also handled other key positions in Nigeria such as the founding Director of National Mathematical Centre, Abuja, and the second Vice Chancellor of Bayero University, Kano.

The maiden edition of the emeritus Professor J O C. Ezeilo memorial lectures was held on Thursday 23rd September, 2021 as part of the week events of the Faculty of Physical sciences, University of Nigeria Nsukka. The guest Lecturer at the first memorial lecture was Senator Dr. Sam Omenyi Egwu, CON. The chairman of the memorial lecture was HRH Igwe Godwin Ezeilo, Ezekunie Ezeadinso, Obu Nanka of Nanka. The vice-chancellor of the University was represented by the DVC Admin Professor Patrick Okpoko and some principal officers of the University were present to grace the occasion.

The events of the memorial lectures began with a courtesy visit to the Vice-Chancellor of the University of Nigeria Nsukka by the guest lecturer, the chairman of the day, some dignitaries, the Dean and some Professors and HODs, after which they proceeded for the lecture proper. As part of the event of the day the biography of Emeritus Professor J O CEzeilo was read and presented by

A cross section of delegates during the courtesy visit to the Vice-Chancellor: From left: Engr Okechukwu Ezeilo (first son of Emeritus Professor JOC Ezeilo), Prof L Obasi (DEAN Physical Sciences faculty, UNN), Senator Dr. Sam OminyEgwu (guest lecturer), HRH Igwe Godwin Ezeilo (Chirman of the memorial lecture), Lolo Ezeilo (the queen to the Igwe).

The guest lecturer during his citation.

The guest lecturer , the DEAN and the delegates of the guest lecturer. Second from right is Professor Adagba (NMS Treasurer)

Emeritus Professor A. O. E. Animalu, FAS. Citation of the guest lecturer was read by Professor P. O. Ukoha. The topic of the lecture delivered by the guest lecturer was "Tertiary Education in Nigeria- The uneven crisis inside and outside". In his lecture, Senator Dr. Sam Omenyi Egwu, CON, highlighted some of the internal and external crisis facing tertiary education in Nigeria today. He lamented over the deplorable state of tertiary institutions in Nigeria and stated some of his efforts when he was minister of education, and the efforts of then President of the nation, President Yaradua, to salvage the situation. He called on all stake holders in the tertiary education in Nigeria to rise to the aid of tertiary education in the nation.

At the end of the lecture a large picture portrait was presented to the guest lecturer by the Vice-Chancellor, while awards were given to some past Deans of the faculty and some distinguished personalities.

A cross section of guest at the ceremony

A cross section of guests at the ceremony

Emeritus Professor J O C Ezeilo's son – Engr Okechukwu Ezeilo – on the high table as a special guest during the ceremony


Emiritus Prof. Animalu presenting the biography of Emeritus Prof. JOC Ezeilo

Guests at the high table. From left: Professor P Okpoko (The DVC Admin, UNN), Senator Dr. Sam Ominyi Egwu (the guest lecturer), Professor L Obasi (The DEAN, Faulty of Physical Sciences, UNN), Mrs Obasi (Wife of the DEAN) A principal officer of the University.

Emeritus Professor JOC Ezeilo's son making a presentation at the event
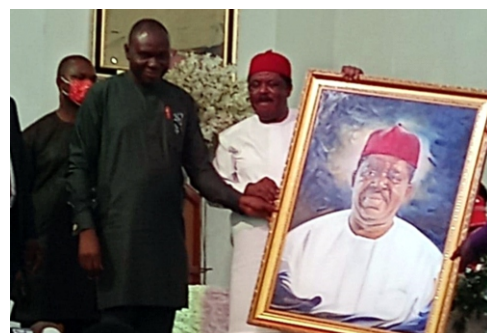
Presentation of gift to the guest lecturer by the DEAN, Faculty of Physical Sciences UNN

The guest lecturer with some students at the event

A BRIEF BIOGRAPHY OF LATE PROFESSOR FOLAKE OYEDIGBA AKINPELU (Nee OGUNGBILE)

14TH SEPTEMBER,1963 – 14TH JANUARY, 2021

The Late Professor was born on the 14th September, 1963 in Ghana into the family of Pa Joseph Oyedele Ogungbile and Madam Ogungbile both of blessed memories. She had her Primary School leaving certificate from Osupa Baptist Day School Ogbomoso in 1977. In 1982, she completed her secondary school education from Ogbomoso Baptist High School. In 1988, she went to Advanced Teachers' College (ABU) Kano, where she got an award as the best student in Mathematics and Physics. She had BSc Mathematics (Honors) in 1991 from Ahmadu Bello University Zaria. She had her NYSC in GSS Karshi Abuja in 1992. She joined the service of Ladoke Akintola University of Tecnology on 13th September, 1993 as a Graduate Assistant.

Late Professor Folake Oyedigba Akinpelu obtained Master of Science (M.Sc) Degree in Mathematics and Doctor of Philosopy (PhD) Degree in Mathematics in 1997 and 2003, respectively from University of Ilorin and her area of specialization was solid mechanics.

While in LAUTECH, she was a representative of the Faculty of Pure and Applied Sceinces at Faculty of Engineering and Technology between 2004-2008. She became the Acting Coordinator, Department of Pure and Applied Mathematics between 1st July – 31st August,2001. She became the acting Head, Department of Pure and Applied Mathematics between 1st August, 2005- 31st July, 2008 and was a member of Senate during this period.

Moreover, the late Professor was Departmental postgraduate coordinator between 2009 to 2015. She was promoted to the prestigious rank of Professor on October 1st, 2011 and became a senate member untill her death. She was Deputy Dean of Faculty of Pure and Applied Sciences beween 1st August, 2014- 31st July, 2016. She was Vice President of Nigeria Women in Mathematics (NWM) from 2014 till her death. She supervised and successively graduated 17 PhD and 18 Master Students in the field of Applied Mathematics. She had close to 90 publications in reputable journals both locally and internationally to her credit. She was an external examiner to bodies, institutions and groups in the field of academics and she assesed deserving Lecturers to the rank of readers and Professors in various Universities.

Late Prof Folake Oyedigba Akinpelu was on sabatical at Bowen University, Iwo, Osun state during these sessions : 2008/2009, 2011/2012, 2012/2013. She was an external examiner to the same institution during these sessions : 2014/2015, 2015/2016, 2016/2017 and was also an Adjunct Staff during 2017/2018 session. She was an Adjunct Staff at Landmark University, Omu-Aran Kwara State during 2016-2017 academic session. She also had her Sabatical leave at Redeemer University, Iwo between Nov 2011-Oct 2012. She was an External Examiner at Obafemi Awolowo University, Ile Ife during these academic sessions: 2011/2012, 2017/2018

Late Professor F.O Akinpelu was the scond occupier of Pastor E. A. Adeboye's Professorial Chair in Mathematics, University of Lagos, Akoka, Lagos State between Nov 2018-Oct 2020.

She was a member of Mathematical Association of Nigeria (MAN), Nigerian Mathematical Society (NMS), Nigerian Association of Mathematical Physics (NAMP), National Association of Women in academics (NAWACS), Organisation for Women in Sciences for Development World (OWSDW) and Nigeria Women in Mathematics (NWM) untill her death.

She was survived by husband and children. Mama, your legacy will always be an inspiration. May your soul rest in peace.

... LATE PROFESSOR FOLAKE OYEDIGBA AKINPELU

At the commendation service: L-R (front row) Dr O. A Ajala (Head, DPAM), Prof. M. O Ologunde (Vice-Chancellor, LAUTECH).
L-R (back row) Prof. A. T. Adeboyejo (Chaplain, LAUTECH Chapel),
Prof Ojuawo, Rev. David Olawuyi, Dr. M. A. Aboyade (University Librarian),
Prof. A. T. Oladipo (Dean FPAS LAUTECH).

L-R Prof A. T. Oladipo (Dean, FPAS LAUTECH),
Prof O. M. Olabemiwo (PAC, LAUTECH).

AT THE CHURCH SERVICE

L-R Beatrice Akinpelu (daughter), Daddy Akinpelu (husband) and Gideon Akinpelu (son).

Reported by: Professor Temitayo Olabisi Oluyo,
Department of Pure and Applied Mathematics,
Ladoke Akintola University of Technology, Ogbomoso, Nigeria.

A TRIBUTE TO PROF. EZEILO
by Prof. Ray Okafor

A Pleasant Gentleman

I met Professor J.O.C Ezeilo for the first time in the early eighties, in Nairobi, Kenya, during a Maths conference organized or sponsored by UNESCO.

[Let me reveal that having not attended University in Nigeria (my college was University of Dar-es-Salaam as an INTERAF scholar) I did not get to know Prof. Ezeilo before the Nairobi meeting]. Of course, long before this chance encounter with the erudite professor, I had read and heard quite a lot about him being a great mathematician of huge repute with massive international acclaim, and a former successful Vice-Chancellor.

Meeting point in Nairobi was at our first breakfast at the hotel that hosted the conference. We were already seated at a table munching away when he walked in with absolutely no airs. He pumped every hand and settled down calmly. He was good company and his conversations were profoundly engaging. I was able to aggregate my overall impression of him sequel to the breakfast and subsequent encounters whilst the conference lasted. I came away with the perception of a man with affable persona and humanistic dispositions. He radiated warmth, and although he was of a huge frame, his personality did not intimidate. I hope my perceptions of him tallied with those of his students and others who knew him much better than I could ever have known him.

The last time I saw him was at the funeral of Professor Chike Obi in 2008. He had visibly aged, a bit feeble, but his charm and humanity were still intact. Although he has taken his exit to eternity, I am sure his legacies and our remembrances of him will live on.

Ray Okafor, Ph.D. (Harvard)
Professor of Statistics (Retired),
Former Head, Department of Mathematics
University of Lagos, Lagos, Nigeria.

O B I T U A R Y

PROFESSOR ADEREMI OLUYOMI KUKU

Ph.D., FAMS (USA), FTWAS, FAAS, FAS (Nig.), FNMS, FMAN, NNOM

MARCH 20, 1941 – FEBRUARY 13, 2022

The members of the Department of Mathematics, Faculty of Science, University of Ibadan greatly mourn the painful demise of Distinguished Professor, dearly PROFESSOR ADEREMI OLUYOMI KUKU. The sad event occurred on Sunday, February 13, 2022. Professor Kuku was a globally respected mathematician in his area of specialization: *Algebraic K-Theory*. He will always be remembered for his knowledge, wisdom, teaching and guidance.

Professor Kuku was born to the famous Kuku family of Ijebu Ode, Ogun State, on March 20, 1941.

He obtained a Bachelor of Science degree in Mathematics, from Makerere University College, Uganda (then under a special relationship with the University of London) in 1968 and he was admitted to the University of Ibadan for postgraduate studies, and obtained the PhD degree in 1971. Professor Kuku won several scholarships for his undergraduate and postgraduate studies. He utilized the United States Agency for International Development Scholarship from 1962-1965 and Afgrad Fellowship tenable at Columbia University, New York, USA: from 1968-1971. He was appointed an Assistant Lecturer at the University of Ife (now Obafemi Awolowo University), Ile-Ife, in 1965 and became a Lecturer Grade II in October 1967. Professor Kuku moved to the University of Ibadan in 1968 as Lecturer Grade II. He attained the grade of a Senior Lecturer (1976-1980), Reader (1980-1982) and full Professor, with effect from October 1, 1982.

On leave of absence from the University of Ibadan, Professor Kuku was a resident Mathematician at the Abdus Salam International Centre for Theoretical Physics, Trieste, (ICTP), Italy, from 1995 to 2003. He held visiting positions at Ohio State University, Columbus, USA in 2005; Miami University, Oxford,

Aderemi Kuku

Editorial Board Member of *American Journal of Mathematics and Statistics* Professor, Grambling State University, USA

OH, USA (2005-2006); Universitat Bielefeld, Germany in 2006; IHES, Paris, France in 2006; Max Planck Inst. Fur Mathematik, Bonn, Germany in 2007; University of Iowa, Iowa-City, USA (2007-2008); Grambling State University, LA, USA (2008-2014); National Mathematical Centre, Abuja, Nigeria (2007-2019); Cornell University, Ithaca, New York, the USA in 1993 among many others. He was a Fellow of the Nigerian Academy of Sciences; President of the African Mathematical Union; and the President of the African Academic of Sciences, Nairobi, Kenya (2014-2017). In addition, Professor Kuku was a member, Institute for Advanced Study, Princeton NJ, USA, Member, Mathematical Association of Nigeria (MAN); Member, Nigerian Mathematical Society (NMS); Fellow of African Science Institute; Fellow of Mongolian Academic of Sciences; Recipient of African Mathematical Union Medal; Distinguished Achiever Award, US National Association of Mathematics; Recipient of the Order of the Niger (OON), and the Nigerian National Order of Merit (NNOM).

The primary field of research of Professor Kuku was Algebraic K-Theory, a subfield of Algebra. He contributed significantly to the development of this field. He established himself as a world-class mathematician who published numerous frontline articles in many competitive mathematics journals around the world. He also published some award-winning tertiary and research mathematics books. He produced many Masters and Doctoral degree graduates in Mathematics not only in Nigeria but also in ICTP. His 70th birthday was celebrated in 2011 by the Chinese Academy of Mathematical Sciences to recognise his significant contributions to mathematics learning and research around the world.

Professor Kuku contributed immensely to the academic and administrative development of the University of Ibadan. He was Head, Department of Mathematics, 1983-1986, Member of Senate for many years, and Dean, Postgraduate School, the University of Ibadan from 1986-1990. It is noteworthy that together with his contemporaries, the academic activities and achievements of the deceased helped to put our University on the global world map. Many of the younger generations of mathematicians enjoyed his mentorship and exposure to international experts and facilities especially during his residence at ICTP. He retired voluntarily from the service of the University of Ibadan in 2001.

Distinguished Professor Kuku's large mathematical footprints remain indelible and perpetually inspiring. He will be sorely missed by the mathematics world, especially the Department of Mathematics, University of Ibadan.

Dr. M. EniOluwafe
The Acting Head, Department of Mathematics,
Faculty of Science, University of Ibadan,
Ibadan, Oyo State, Nigeria.

AN EVENING OF TRIBUTES AT THE UNIVERSITY OF IBADAN IN HONOUR OF PROF. A. O. KUKU

Dr. Felicia Kuku (Wife of the Late Prof. Kuku)

Dolapo Kuku (First daughter of the Late Prof. Kuku)

Vice Chancellor, University of Ibadan, Prof Kayode O. Adebowale represented by the DVC (Administration), Prof E. O. Ayoola

Representative of the Department of Mathematics, University of Ibadan, Emeritus Prof. G.O.S. Ekhaguere

Representative of the former students of Prof. Kuku, Prof. A. Soyebo (Retired Professor of Economics)

A cross section of guest at the evening of tributes held in honour of late Prof. Aderemi O. Kuku

PICTURES SPEAK

Second from the left hand side is the Otunba Dr (Mrs) Felicia Osifunke Kuku (wife of the deceased) flanked by her children at the Evening of Tribute in Honour of Otunba Professor Aderemi Oluyomi Kuku organised by the Postgraduate College, Faculty of Science and Department of Mathematics, University of Ibadan on Wednesday 4th of May, 2022

The wife of the deceased (Otunba Dr (Mrs) F. O. Kuku) at the centre flanked by her children at the Service of Songs on Thursday 5th of May 2022

On the left hand side is Mrs Kuku (the wife of the deceased) flanked by the children during the Church service on Friday, 6th of May, 2022.

The sibling of Otunba Professor Aderemi Kuku in the person of Professor Titilayo Adelaja Kuku from Obafemi Awolowo University, Ile – Ife, Nigeria at the burial ceremony on the Friday 6th of May 2022 at Orita Mefa Baptist Church, Queen Elizabeth II Road, Total Garden, Ibadan.

The presiding Pastor prayed on the remains of Otunba Professor A. O. Kuku before the interment.

Final departure of Otunba Professor A. O. Kuku for interment at Orita Mefa Baptist Church Cemetery, Ibadan

Group photo of "Aso Ebi" at the reception; the International Conference Centre, University of Ibadan , Ibadan.

TRANSITION

TO ETERNAL HAPPINESS OF A HUMANE ACADEMIC

With deep sorrow and a great sense of loss, but with gratitude to God the family of **Hassan** hereby announces the call to glory of our dear Son, Father, Brother & Uncle

DR. ANTHONY ROTIMI HASSAN

AGED 50 YEARS

Who slept in the Lord on Tuesday 8th March, 2022

Burial Arrangements

Thursday 10th March, 2022
COMMENDATION SERVICE
In Adepoju Secretariat
Tai Solarin University of Education
Ijagun, Ijebu-Ode. Time: 10:00am

Friday 11th March, 2022
CHRISTIAN WAKE
@ his Residence beside Passionist
Rev. Sisters Convent/ School
Near Idomila High School, Idomila-Ijebu
Time: 4:00pm

Saturday 12th March, 2022
REQUIEM MASS
@ St. Patrick Catholic Church, Ikija-Ijebu,
Ijebu-East Local Govt Area, Ogun State.
Time: 11:00am

Interment follows immediately after Mass at the Town's Christian Cemetery

He is survived by Children, Brothers, Sisters and aged mother

May his gentle soul rest in perfect peace.

Ride on to Glory

With deep sorrow and a great sense of loss, the family of Late Professor R.O. Ayeni hereby announces the call to glory of our Father, Husband and Brother,

DR. OLABODE BABAJIDE AYENI
(41 YEARS)

Who passed on to glory on Saturday, 26th February, 2022. Until death, he was a lecturer at the Department of Mathematics, Tai Solarin University of Education (TASUED), Ijebu Ode, Ogun State.

Funeral Arrangements are as follows:

COMMENDATION SERVICE
By the Tai Solarin University of Education (TASUED)
Date: Thursday, 10th March, 2022
Time: 10am
Venue: Adepoju Secretariat, TASUED, Ijebu Ode

CHRISTIAN WAKE SERVICE
Date: Thursday, 10th March, 2022
Time: 4pm
Venue: St. Paul's Anglican Church, Adefisan Latogun, Ijebu Ode

FUNERAL SERVICE
Date: Friday, 11th March, 2022
Time: 10am
Venue: St. Paul's Anglican Church, Latogun, Ijebu Ode.

Interment follows immediately at the Cemetery of St. Paul's Anglican Church, Irewon, Ijebu Ode.

He is survived by wife, children, brothers, sister and other family members.

R.S.V.P.
Dr. Titilola Eduvie
08038172528

Mr. Ebenezer Aina
07063994185

Mr. Babafemi Egunjobi
08188885830

Signed:
Olanrenwaju Ayeni
For the Family

You will be forever missed

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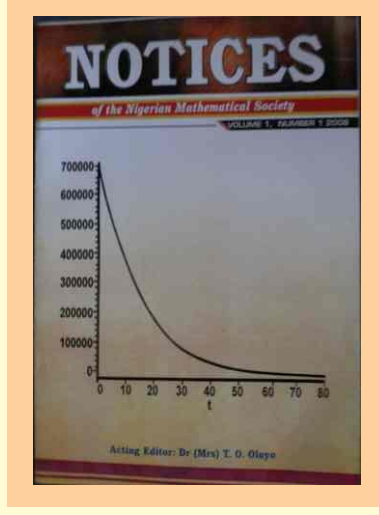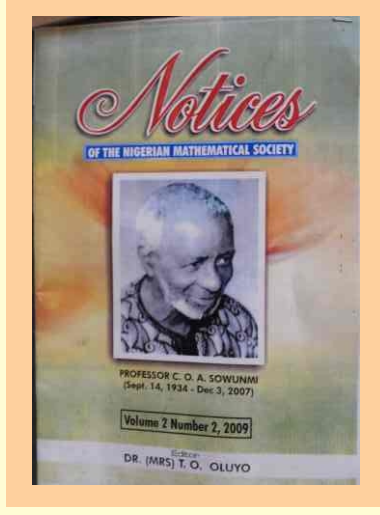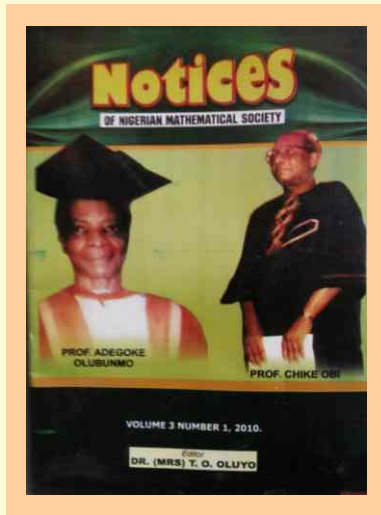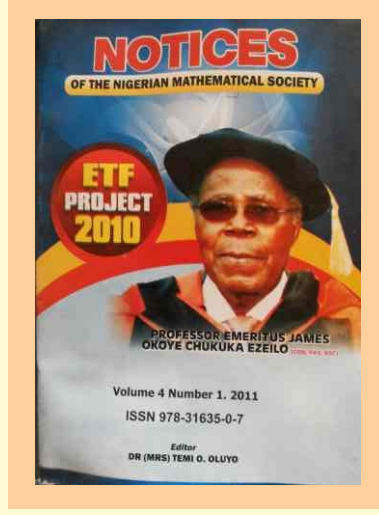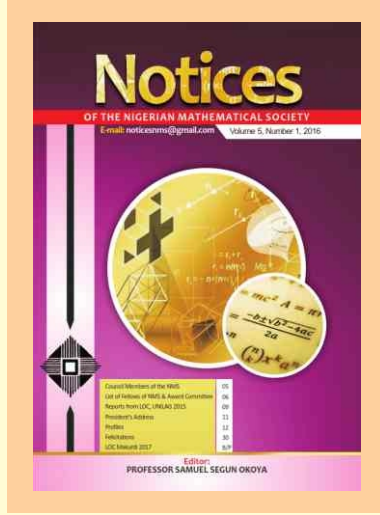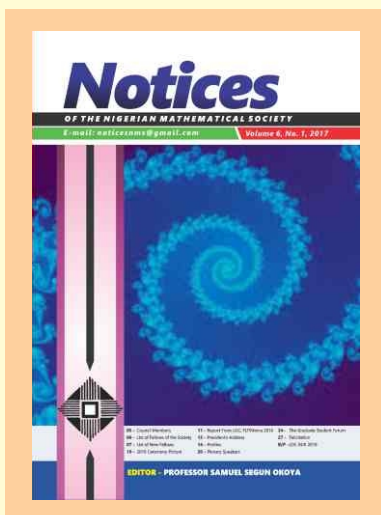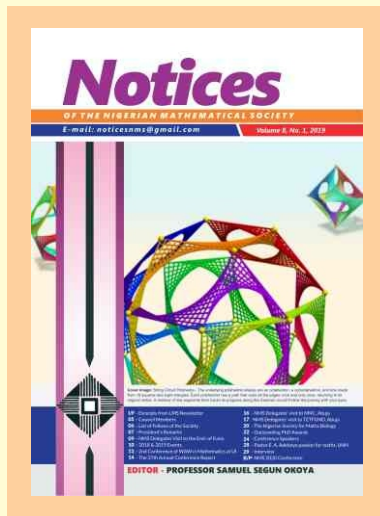
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for supporting mathematics

CHIEF AJIBOLA OGUNSOLA *FNMS*

He qualified as a Fellow of the Institute of Actuaries (FIA) of England in July, 1973. In 1974, he became a Fellow of the Royal Statistical Society of England (FRSS). Chief Ogunshola has been a Fellow of the Institute of Directors since 2004, Fellow of the Nigerian Institute of Public Relations (FNIPR), 1998. He was invested as a Fellow of the Nigerian Mathematical Society (FNMS) in 2016.

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