

YUSUF OLATUNJI TIJANI

Email olodyusuf@gmail.com, yusuf.tijani@ru.ac.za

Social ORCID, WoS, Google Scholar

Accounts

Research Interests

1. Numerical analysis and scientific computing
2. Computational fluid dynamics
3. Fractional calculus
4. Machine learning
5. Mathematical modelling

Academic Degrees/Education

2024 – 2025 Postdoctoral Research Fellow, *Rhodes University*, Makhanda (Grahamstown), South Africa.

2019 – 2023 PhD Applied Mathematics, *Nelson Mandela University*, Gqeberha, South Africa.

Thesis Title *Finite difference methods for Burgers-Huxley equations and biofilm formation.*

2015 – 2018 M.Sc. Mathematics, *Obafemi Awolowo University*, Ile-Ife, Nigeria.

Thesis Title *Heat and mass transfer profiles in an unsteady magnetohydrodynamics flow in the presence of cross diffusion and rotation in a porous medium.*

2008 – 2013 B.Sc. Mathematics, *Obafemi Awolowo University*, Ile-Ife, Nigeria.
(Cumulative Percentage: 79.8%)

Curriculum Mathematics

2004 – 2007 SSCE/Matric Certificate, *Agidingbi Senior Grammar School*, Agidingbi, Ikeja, Nigeria.

Honor Cleared all the results in one attempt.

Experience

2020 – 2023 Teaching Assistant, DEPARTMENT OF MATHEMATICS AND APPLIED MATHEMATICS, NELSON MANDELA UNIVERSITY, GQEBERHA, SOUTH-AFRICA.

1. Teaching: Delivering lectures and conducting tutorials to reinforce course material.
2. Grading: Assessments and examination while providing constructive feedback to students on their work.
3. Classroom control: Attending lectures and assisting in conducting the class.
4. Communication: Responding to student emails and inquiries i.e. Addressing student concerns and mentorship.
5. Administration: Typing, formatting, and printing examination papers, assessments, and other educational materials.

2019 – 2020 Mathematics Teacher, UNITY JUNIOR COLLEGE, AGEGE, LAGOS, NIGERIA.

1. Teaching: Lectures and writing of lesson notes for students.
2. Administration: Assist in administrative duties.
3. ICT co-ordinator: Oversee the planning, development, and maintenance of ICT infrastructure, including networks, software, and other technology-related resources.

- 2016 – 2018** Mathematics Tutor, DEPARTMENT OF MATHEMATICS, OBAFEMI AWOLOWO UNIVERSITY, ILE-IFE, NIGERIA.
1. In charge of solving and grading of tutorial quiz for undergraduate students offering Elementary Mathematics I & II, Mathematical Method I & II and Vector Analysis.
 2. In charge of lecture delivering for first and second year students in rudiment tutorial classes.
 3. Assist in invigilating mid semester tests and examinations.
 4. Act as a consultant for students on topics taught in all Mathematics classes.
- 2015 – 2016** Mathematics Lecturer, DEPARTMENT OF MATHEMATICS, OBAFEMI AWOLOWO UNIVERSITY, RUDIMENTARY TUTORIAL CLASS.
1. In charge of teaching A-Level Mathematics and Quantitative Reasoning
 2. In charge of teaching High-School Mathematics

Research Publication

Peer Reviewed Manuscripts

Michael Oni, Mojeed Taiwo Akolade, Gabriel Samaila, Taiwo Yusuf, **Yusuf Olatunji Tijani**, Abdulhakeem Yusuf and Peter Bukar Malgwi, *Theory of conjugate mixed convection flow of hybridized ethylene glycol based nanoparticles with Joule heating*, Journal of Thermal Analysis and Calorimetry, 2024.

<https://link.springer.com/article/10.1007/s10973-024-13875-1>

Publisher *Springer*

Mojeed Taiwo Akolade, **Yusuf Olatunji Tijani**, Adeshina Taofeeq Adeosun, Oluwaseun P Farotimi and Olumuyiwa Otegbeye, *Enhancing synthesized engine oil thermal performance through the use of tri-hybrid nanofluids over a bi-directed sheet with Coriolis force*, Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanomaterials, Nanoengineering and Nanosystems, 2024.

<https://journals.sagepub.com/doi/abs/10.1177/23977914241304633>

Publisher *Sage*

Yusuf Olatunji Tijani and Shina Daniel Olonijju, *Biofiltration of organic pollutants: Simulation and mathematical modelling of toluene and n-propanol*, Chemistry Africa, 2024.

<https://link.springer.com/article/10.1007/s42250-024-01123-w>

Publisher *Springer*

Abdulhakeem Yusuf, Mojeed Taiwo Akolade and **Yusuf Olatunji Tijani**, *Nonlinear mixed convective analysis of Thomson and Troian slip flow conditions for Ag–Cu–TiO₂/H₂O hybrid nanofluid over a Riga plate*, Journal of Computational and Theoretical Transport, 2024.

<https://www.tandfonline.com/doi/pdf/10.1080/23324309.2024.2403357>

Publisher *Taylor and Francis*

Shina Daniel Olonijju, **Yusuf Olatunji Tijani** and Olumuyiwa Otegbeye, *Thermal analysis of extended surface using deep neural network*, Open Physics, 2024.

<https://doi.org/10.1515/phys-2024-0051>

Publisher *De Gruyter*

Farahanie Fauzi, Abdul Rahman Mohd Kasim, Iskandar Waini, Siti Farah Haryatie Mohd Kanafiah and **Yusuf Olatunji Tijani**, *The Bibliometric Review on Convective Heat Transfer of Nanofluid*, Journal of Advanced Research in Micro and Nano Engineering, 2024.

<https://akademiabaru.com/submit/index.php/armne/article/view/5397>

Publisher *Akademia Baru*

Shina Daniel Oloniju, Nancy Mukwevho, **Yusuf Olatunji Tijani** and Olumuyiwa Otegbeye, *Chebyshev pseudospectral method for fractional differential equations in partitioned domains*, AppliedMath, 2024.

<https://www.mdpi.com/2673-9909/4/3/51>

Publisher *MDPI*

Nur Syahidah Nordin, Abdul Rahman Mohd Kasim, Iskandar Waini, **Yusuf Olatunji Tijani**, Sharidan Shafie, Najiyah Safwa Khashi'ie, Nurul Amira Zainal, *Exploration of recent developments of hybrid nanofluids*, Fluid Mechanics Thermal Sciences, 2024.

https://semarakilmu.com.my/journals/index.php/fluid_mechanics_thermal_sciences/article/view/7109

Publisher *Akademia Baru*

Mojeed Taiwo Akolade, Gabriel Samaila, Micheal Oni, Abdulhakeem Yusuf, Peter Bukar Malgwi, Taiwo Yusuf, **Yusuf Olatunji Tijani**, *Dynamics of accelerating and decelerating flows: A boundary layer examination with non-similar approach and convective boundary condition*, International Journal of Non-Linear Mechanics, 2024.

<https://www.sciencedirect.com/science/article/pii/S0020746224000404>

Impact Factor 3.20 (2023)

Publisher *Elsevier*

Yusuf Olatunji Tijani, Shina Daniel Oloniju, Olumuyiwa Otegbeye, and Ajiboye Reginald Babalola, *Magnetic feature and regression analysis of Reiner-Philippoff boundary layer flow*, Numerical Heat Transfer, Part B: Fundamentals, 2023.

<https://www.tandfonline.com/doi/abs/10.1080/10407790.2023.2290189>

Impact Factor 1.00 (2022)

Publisher *Taylor and Francis*

Mojeed Taiwo Akolade, Tayyaba Akhtar, Awad Mohammed, **Yusuf Olatunji Tijani**, and Adeshina Adeosun Taofeek, *Bioconvection analysis of EMHD and dissipative Williamson nanofluid over a three dimensional Riga plate with Joule heating effect*, International Journal of Modelling and Simulation, 2023. <https://doi.org/10.1080/02286203.2023.2265524>.

Impact Factor 3.10 (2022)

Publisher *Taylor and Francis*

Yusuf Olatunji Tijani, Mojeed Taiwo Akolade, Olumuyiwa Otegbeye, and Abdulhakeem Yusuf, *Surface dynamics on Jeffrey nanofluid flow with Coriolis effect and variable Darcy regime*, ZAMM - Journal of Applied Mathematics and Mechanics, 2023. <http://doi.org/10.1002/zamm.202300217>.

Impact Factor 2.30 (2022)

Publisher *Wiley*

Yusuf Olatunji Tijani, Mojeed Taiwo Akolade, and Abdul Rahman Mohd Kasim, *Transport features on bidirectional nanofluid flow with convective heating and variable Darcy regime*, Journal of Computational and Theoretical Transport, 2023. <https://www.tandfonline.com/doi/full/10.1080/23324309.2023.2257394?src=>.

Impact Factor 0.70 (2022)

Publisher *Taylor and Francis*

Kazeem Babatunde Kasali, **Yusuf Olatunji Tijani**, Suraju Olusegun Ajadi, and Abdulhakeem Yusuf, *Radiative Jeffrey fluid transport over a stretching surface with anomalous heat and mass flux*, International Journal of Modern Physics B, 2023. <https://www.worldscientific.com/doi/10.1142/S0217979224503508>.

Impact Factor 1.70 (2022)

Publisher World Scientific

Yusuf Olatunji Tijani, Shina Daniel Oloniju, Micheal Oni, and Mojeed Taiwo Akolade, *Surface dynamics and thermophysical mechanics on Reiner-Philippoff fluid flow*, International Journal of Modern Physics B, 2023. <https://www.worldscientific.com/doi/10.1142/S0217979224503399>.

Impact Factor 1.70 (2022)

Publisher World Scientific

Mojeed Taiwo Akolade, John Oluwashina Olabode, **Yusuf Olatunji Tijani**, and Tayyaba Akhtar, *Bioconvection in Eyring–Powell fluid with composite features of variable viscosity and motile microorganism density*, The European Physical Journal Plus, 2023. 138, 736. <https://link.springer.com/article/10.1140/epjp/s13360-023-04361-y>.

Impact Factor 3.40 (2022)

Publisher Springer

Yusuf Olatunji Tijani, Mojeed Taiwo Akolade, Kazeem Babatunde Kasali, and Hammed Abiodun Ogunseye, *Dynamics of carbon nanotubes on Reiner-Philippoff fluid flow over a stretchable Riga plate*, Indian Journal of Physics, 2023. 1-13. <https://link.springer.com/article/10.1007/s12648-023-02872-z>.

Impact Factor 2.00 (2022)

Publisher Springer

Matthew Oluwafemi Lawal, **Yusuf Olatunji Tijani**, Suraju Olusegun Ajadi and Kazeem Babatunde Kasali, *Simulation of the laminar thermal boundary layer problem over a flat plate by exploring the local non-similarity technique*, International Journal of Modelling and Simulation, 2023. <https://www.tandfonline.com/doi/full/10.1080/02286203.2023.2234219>.

Impact Factor 3.10 (2022)

Publisher Taylor & Francis

Yusuf Olatunji Tijani, Adeshina Adeosun Taofeek, Hammed Ogunseye and Hari Niranjana, *Magnetic dipole dynamics on Reiner–Philippoff boundary layer flow*, Numerical Heat Transfer, Part A: Applications, 2023, 1-15. <https://www.tandfonline.com/doi/abs/10.1080/10407782.2023.2209925>.

Impact Factor 2.00 (2022)

Publisher Taylor & Francis

Yusuf Olatunji Tijani, Mojeed Akolade, Hammed Abiodun Ogunseye, Adeshina Adeosun and Oluwaseun Farotimi, *On the generalized Fick's and Fourier's laws for an unsteady Casson-Williamson fluids over a stretching surface: A spectral approach*, Journal of Nanofluid, 2023, 12(1), 91-103. <https://www.ingentaconnect.com/contentone/asp/jon/2023/00000012/00000001/art00009>.

Publisher American Scientific Publishers

Emmanuel Titiloye, Adeshina Adeosun, Mojeed Taiwo Akolade, **Yusuf Olatunji Tijani** and John Oluwashina Olabode, *Thermal criticality of electromagnetohydrodynamic reactive squeezed Casson material in a combustible channel: A spectral approach*, Computational Thermal Science: An International Journal, 2023, 15(4). <https://dl.begellhouse.com/journals/648192910890cd0e,150549c260946943,330a2aae3c7236b5.html>.

Impact Factor 1.50 (2022)

Publisher Begell

Yusuf Olatunji Tijani and Appanah Rao Appadu, *Unconditionally positive NSFD and classical finite difference schemes for biofilm formation on medical implant using Allen-Cahn equation*, Demonstratio Mathematica, 2022, 55(1), 40-60. <https://www.degruyter.com/document/doi/10.1515/dema-2022-0006/html?lang=en>.

Impact Factor 2.00 (2022)

Publisher De Gruyter

Hammed Abiodun Ogunseye, Sulyman Olakunle Salawu, Shina Daniel Olonijju, Mojeed Taiwo Akolade, **Yusuf Olatunji Tijani**, Mustapha Ridwan and Precious Sibanda, *MHD Powell-Eyring nanofluid motion with convective surface condition and Dufour-Soret impact past a vertical plate: Lie group analysis*, Partial Differential Equation in Applied Mathematics, 2022. <https://www.sciencedirect.com/science/article/pii/S2666818122001073>.

Publisher Elsevier

Kazeem Babatunde Kasali, Saheed Ojo Akindeinde, **Yusuf Olatunji Tijani**, Adebayo Olusegun Adewumi and Ramoshweu Solomon Lebelo, *Thermal and multi-boiling analysis of a rectangular porous fin: A spectral approach*, Nonlinear Engineering Journal, 2022, 11(1), 654-663. <https://www.degruyter.com/document/doi/10.1515/nleng-2022-0044/html>.

Impact Factor 8.30 (2022)

Publisher De Gruyter

Yusuf Olatunji Tijani, Shina Daniel Olonijju, Kazeem Babawale Kasali and Mojeed Taiwo Akolade, *Nonsimilar solution of a boundary layer flow of a Reiner-Philippoff fluid with nonlinear thermal convection*, Heat Transfer, 2022, 51(6), 5659-5678. <https://onlinelibrary.wiley.com/doi/full/10.1002/htj.22564>.

Impact Factor 3.60 (2022)

Publisher Wiley

Matthew Oluwafemi Lawal, Kazeem Babawale Kasali, Hammed Abiodun Ogunseye, Micheal Oni, **Yusuf Olatunji Tijani** and Yussuff Titilope Lawal, *On the mathematical model of Eyring-Powell nanofluid flow with non-linear radiation, variable thermal conductivity and viscosity*, Partial Differential Equations in Applied Mathematics, 2022, 5, 1-10. <https://www.sciencedirect.com/science/article/pii/S2666818122000316>.

Publisher Elsevier

Appanah Rao Appadu and **Yusuf Olatunji Tijani**, *1D generalised Burgers-Huxley: Proposed solutions revisited and numerical solution using FTCS and NSFD methods*, Frontiers in Applied Mathematics and Statistics, 2022, 1, 1-14. <https://www.frontiersin.org/articles/10.3389/fams.2021.773733/full>.

Impact Factor 1.40 (2022)

Publisher Frontiers

Yusuf Olatunji Tijani, Appanah Rao Appadu and Adebayo Abiodun Aderogba, *Some finite difference methods to model biofilm growth and decay: Classical and non-standard*, Computation (MDPI), 2021, 9(11), 123. <https://www.mdpi.com/2079-3197/9/11/123>.

Impact Factor 2.20 (2022)

Publisher MDPI

Appanah Rao Appadu, **Yusuf Olatunji Tijani** and Adebayo Abiodun Aderogba, *On the performance of some NSFD methods for a 2-D generalized Burgers-Huxley equation*, Journal of Difference Equations and Applications, 2021, 27(11), 1537-1573. <https://www.tandfonline.com/doi/abs/10.1080/10236198.2021.1999433>.

Impact Factor 1.10 (2022)

Publisher Taylor & Francis

Mojeed Taiwo Akolade and **Yusuf Olatunji Tijani**, *A comparative study of three dimensional flow of Casson-Williamson nanofluids past a Riga plate: Spectral quasi-linearization approach*, Partial Differential Equation in Applied Mathematics, 2021, 4, 100108. <https://www.sciencedirect.com/science/article/pii/S2666818121000589>.

Publisher Elsevier

Appanah Rao Appadu, Abbey Sherif Kelil and **Yusuf Olatunji Tijani**, *Comparison of some forecasting methods for COVID-19*, Alexandria Engineering Journal, 2021, 60(1), 1565-1589. <https://www.sciencedirect.com/science/article/pii/S1110016820305937>.

Impact Factor 6.80 (2022)

Publisher Elsevier

Hammed Abiodun Ogunseye, **Yusuf Olatunji Tijani** and Precious Sibanda, *Entropy generation in an unsteady Eyring-Powell hybrid nanofluid flow over a permeable surface: A Lie group analysis*, Heat Transfer, 2020, 49(6), 3374-3390. <https://onlinelibrary.wiley.com/doi/abs/10.1002/htj.21778>.

Impact Factor 3.60 (2022)

Publisher Wiley

Kazeem Babawale Kasali, **Yusuf Olatunji Tijani**, Mattew Oluwafemi Lawal and Yussuff Titilope Lawal, *Soret, Dufour and radiation effects of a viscoelastic fluid on an exponentially stretching surface using the Cattaneo-Christov heat flux model*, Multidiscipline Modeling in Materials and Structures, 2020, 16(6), 1577-1594. <https://www.emerald.com/insight/content/doi/10.1108/MMMS-11-2019-0202/full/html>.

Impact Factor 2.00 (2022)

Publisher Emerald

Hammed Abiodun Ogunseye, Sulyman Olakunle Salawu, **Yusuf Olatunji Tijani**, Mustapha Riliwan and Precious Sibanda, *Dynamical analysis of hydromagnetic Brownian and thermophoresis effects of squeezing Eyring-Powell nanofluid flow with variable thermal conductivity and chemical reaction*, Multidiscipline Modeling in Materials and Structures, 2019, 15(6), 1100-1120. <https://www.emerald.com/insight/content/doi/10.1108/MMMS-01-2019-0008/full/html>.

Impact Factor 2.00 (2022)

Publisher Emerald

Appanah Rao Appadu, Bilge Inan and **Yusuf Olatunji Tijani**, *Comparative study of some numerical methods for the Burgers–Huxley equation*, *Symmetry*, 2019, 11(11), 1333. <https://www.mdpi.com/2073-8994/11/11/1333>.

Impact Factor 2.70 (2022)

Publisher MDPI

Peter Folorunso Fasogbon and **Yusuf Olatunji Tijani**, *Hydromagnetic radiative flow past a vertical oscillating plate with chemical reaction in presence of heat source*, *Nigerian Journal of Mathematics and Applications*, 2017, 26, 45-60. <http://www.njmaman.com/archive.html>.

Publisher Unilorin press

Conference Proceedings

Appanah Rao Appadu and **Yusuf Olatunji Tijani**, *On the numerical solution of 2D Burgers-Huxley equation using NSFD and classical methods*, *AIP Conference Proceedings*, 2022, 2425(1), 020013. <https://doi.org/10.1063/5.0081374>.

Publisher AIP Publishing LLC

2020 Appadu Appanah Rao, Bilge Inan and **Yusuf Olatunji Tijani**, *Comparison of some numerical methods for the Burgers-Huxley equation*, *AIP Conference Proceedings*, 2020, 2293(1), 030021. <https://doi.org/10.1063/5.0026501>.

Publisher AIP Publishing LLC

Book Chapters

Appanah Rao Appadu, **Yusuf Olatunji Tijani** and Justin Munyakazi, *Computational study of some numerical methods for the generalized Burgers-Huxley equation*, *Computational Sciences-Modelling, Computing and Soft Computing*, 2020. Kozhikode, Kerala, India, September 10–12. https://link.springer.com/chapter/10.1007/978-981-16-4772-7_4.

Publisher Springer

Manuscripts Submitted for Publication

2024 Adaptive multidomain numerical solution for singularly perturbed fractional differential equation: Chebyshev pseudospectral method, *Yusuf Olatunji Tijani, Shina Daniel Oloniiju, and Olumuyiwa Otegbeye*.

2024 Irreversibility analysis of the flow of a radiative Casson-Williamson hybrid ferrofluid over a moving cylinder, *Shina Daniel Oloniiju, Yusuf Olatunji Tijani, and Hammed Abidoun Ogunseye*.

2024 Numerical discretisations of the diffusion model for signal processing, *Shina Daniel Oloniiju, Razak Olamide Kolawole and Yusuf Olatunji Tijani*.

2024 Non-similarity analysis of the magnetohydrodynamic flow of reactive Casson-Jeffrey nanofluids over a vertically stretching sheet with slip conditions, *Hammed Abiodun Ogunseye, Yusuf Olatunji Tijani, Titilayo Morenike Agbaje, Shina Daniel Oloniiju, and Olumuyiwa Otegbeye*.

Research In-progress

2024 Chebyshev pseudospectral solution to a fractional boundary value problem in a non-overlapping multidomain, *Yusuf Olatunji Tijani and Shina Daniel Oloniiju*.

- 2024** Numerical prediction of branched-chain thermal system by 2D simulation in cylindrical wall with thermally isolation and conduction arc distributed periodically, *Yusuf Olatunji Tijani, Samuel Segun Okoya and Shina Daniel Oloniju.*
- 2024** Magnetohydrodynamic flow of a reactive Casson-Jeffrey viscous nanofluid past a vertical moving cylinder, *Hammed Abiodun Ogunseye, Olumuyiwa Otegbeye, Yusuf Olatunji Tijani, and Shina Daniel Oloniju.*

Publication Metrics (Google Scholar)

Number of Citations	413
h-index	11
i10-index	11
Most Cited Article	A comparative study of three dimensional flow of Casson–Williamson nanofluids past a Riga plate: Spectral quasi-linearization approach (79).

Presentation at Conferences & Workshops

- Dec. 2024** Adaptive multidomain numerical solution for singularly perturbed fractional differential equation: Chebyshev pseudospectral method.
67th Annual Congress of the South African Mathematical Society (SAMS), University of Pretoria, South Africa.
- Aug. 2024** Exploring fluid dynamics: The role of mathematicians.
Seminar Series in the Department of Mathematics, Rhodes University, Makhanda, South Africa.
- July 2024** Thermal analysis of extended surfaces using deep neural networks.
16th Annual Workshop on Computational Mathematics and Modelling (WOCCOM2024).
- Nov. 2022** Finite difference method for Burgers-Huxley equation and biofilm formation.
PhD Presentation in the Department of Mathematics and Applied Mathematics, Nelson Mandela University, Gqeberha, South Africa.
- Nov. 2020** Finite difference method for solution of Burgers-Huxley equation and modelling bacterium quorum sensing.
Department of Mathematics and Applied Mathematics, Nelson Mandela University, Gqeberha, South Africa.
- Sept. 2020** On the numerical solution of 2D Burgers-Huxley equation using NSFD and classical methods.
18th International Conference of Numerical Analysis and Applied Mathematics (ICNAAM), Rhodes, Greece.
- Nov. 2019** Thermophoresis and radiation effects of a viscoelastic fluid on an exponentially stretching surface using the Cattaneo-Christov heat flux model.
30th Nigerian Association of Mathematical Physics, Igbinedion University, Okada, Nigeria.
- May 2017** The effect of free convection on a magnetohydrodynamics problem in the presence of Hall current, cross diffusion and rotation in a porous medium
36th Annual Conference of the Nigerian Mathematical Society, University of Agriculture, Makurdi, Nigeria.

- May 2016** An oscillatory MHD convection flow past an infinite vertical porous plate with variable suction, radiation and heat generation in the presence of chemical reaction.
35th Annual Conference of the Nigerian Mathematical Society, Federal University of Technology, Minna

Honors & Awards

- March **2024** Top downloaded article (Heat Transfer, 2022) - WILEY
- October **2023** Postdoctoral research fellowships - Rhodes University
- September **2020** COVID-19 research grant
 Department of research support and management, Nelson Mandela University.
- December **2014** Best graduating student in the final year examination in the faculty of science.
 Faculty of Science Prize for 2011/2012 Session.
- December **2014** Graduating student with the best all round performance in the B.Sc (Hons) Mathematics.
 Professor (Chief) Reuben Olafenwa Ayeni Memorial Prize for 2011/2012 Session.
- November **2001** Best all round performance in Agege district quiz competition for primary school students.

Student Supervision

Baqiwe Sixolile, Master of Science (Applied Mathematics), On-going, Co-supervisor.

Baqiwe Sixolile, *Image processing and binarization through non-linear partial differential equations*. **Honours**, 2024, Co-supervisor.

Computer Skills

- Programming Proficient with Ubuntu, Mac OS, Windows OS, MATLAB, Python experience, GNU Octave and ANSYS CFD experience, Experience of Serial and Parallel programming.
- Typesetting \LaTeX , Microsoft office tools.
- Computing MATLAB, Maple, Mathematica.
 Platform

Conferences and Workshops Attended

- 2024** 67rd Annual Congress of the South African Mathematical Society, University of Pretoria.
- 2024** 16th Annual Workshop on Computational Mathematics and Modelling, University of KwaZulu-Natal, Pietermaritzburg Campus.
- 2024** The 45th Annual South African Symposium on Numerical & Applied Mathematics (SANUM), University of Stellenbosch, South Africa.
- 2022** 14th Annual Workshop on Computational Mathematics and Modelling, University of KwaZulu-Natal, Pietermaritzburg Campus.
- 2021** 13th Annual Workshop on Computational Mathematics and Modelling, University of KwaZulu-Natal, Pietermaritzburg Campus.
- 2020** 63rd Annual Congress of the South African Mathematical Society, North-West University.
- 2020** 18th International Conference of Numerical Analysis and Applied Mathematics (ICNAAM 2020), Rhodes, Greece.

- 2019** 30th Nigerian Association of Mathematical Physics (NAMPP), Igbinedion University, Benin.
- 2017** 36th Annual Conference of the Nigerian Mathematical Society (NMS), University of Agriculture, Makurdi.
- 2017** 1st Scientific Computing Program on MATLAB, Department of Mathematics, Obafemi Awolowo University, Nigeria.
- 2016** 1st Pastor E. A Adeboye Endowed Chair Enrichment Training Workshop in Applied Mathematics. Complex Fluid Flow and its Environmental Application. University of Lagos.
- 2016** 35th Annual Conference of the Nigerian Mathematical Society (NMS), Federal University of Technology, Minna.
- 2014** TEPNG/NNPC Workshop on Teaching Methodology, ONELGA, Rivers-State, Nigeria.

Professional Membership

South Africa Mathematical Society (SAMS)

Nigerian Mathematical Society (NMS)

Service to Community

2013 - Date Coaching classes and counsel to students within my sphere of influence.

Interests

- Web browsing, Board Games

- Reading, Travelling

Referees

Professor Appanah Rao Appadu

Department of Mathematics and Applied Mathematics, Nelson Mandela University, Gqeberha, South Africa.

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Professor Suraju Olusegun Ajadi

Department of Mathematics, Obafemi Awolowo University, Ile-Ife, Nigeria.

E-mail - soajadi@yahoo.co.uk, Tel: +234 8030545990.

Dr. Olumuyiwa Otegbeye

School of Computer Science and Applied Mathematics, University of the Witwatersrand,
South Africa.

E-mail - olumuyiwa.otegbeve@wits.ac.za, Tel: +27 733444196.