

BLUE BULLETIN 2

CONGRATULATIONS TO ALL THE GRADUATES!

PhD: Science and Mathematics Education: Karin Bothma (Supervisor: Prof Ansie Harding, co-supervisor: Dr Ina Louw); **Mathematical Sciences:** Sonja du Toit (Supervisor: Prof NFJ van Rensburg), Richard Ng'ambi (Supervisor: Prof Patrice Ntumba).

MSc: Applied Mathematics: Kirstin Hohls (Supervisor: Prof NFJ van Rensburg); **Mathematics of Finance:** Sabelo Letsoalo* (Supervisor: Dr Paul Razafimandimby, co-supervisor: Dr Zakaria Ali)

Honours: Mathematics: Tomas Chamberlain*, Michelle Jacobs, James Louw*, Nian Vorster*; **Applied Mathematics:** David Killian, Berné Nortier*, Keamogetse Samson, Jacques Smulders, Julia Tshimungu; **Mathematics of Finance:** Kwadwo Afrane-Okese, Kefentse Dipudi; **Financial Engineering:** Savannah Halsted, Idani Mauda, Lipuo Rammoko.

* - with distinction

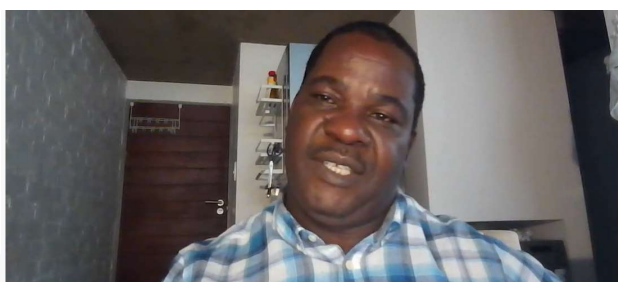
PRIZE WINNERS:

GENSEC Prize: Kwadwo Afrane-Okese

South African Mathematical Society Bronze Medal: James Murray Louw

Dewald Hattingh Book Prize: Ben Victor

The International Day of Mathematics was a great success. Here are some pictures:



International Day of Mathematics 2022. A conversation with Prof. Loyiso Nongxa.



International Day of Mathematics 2022. A conversation with Prof. Loyiso Nongxa.



Prof. Loyiso Nongxa



Prof. Bernardo Rodrigues



Dr. Eder Kikianty



UNIVERSITEIT VAN PRETORIA
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PERSONALIA

BIRTHDAYS APRIL

1 – Valaire Yatat Djeumen

10 – Kenneth Dukuza

Our condolences to Hanlie Venter whose brother passed away on 18 February 2022

ADMIN

- The Faculty is currently gathering information for the QQR. Lysette and Lorelle are coordinating this. Please help them where applicable.
- Performance planning for 2022 was due on the 31st of March. Those who have not completed the process need to do so as soon as possible.
- Submissions for promotion should be done at the latest by the 14th of April, 2022 so that the Department has time to prepare for submission at the Faculty by the 21st of April.

Welcome to:

Dr Stéfane Tchoumi who started as a Postdoctoral fellow on the 7th March

Resignations:

Dr Annél Smit – 31 May 2022

(Please provide Annél with all web updates in the next two months before she leaves so that the transition to the new staff responsible can run as smoothly as possible.)

CONGRATULATIONS TO:

Prof Abba Gumel on being selected as a 2022 Society for Industrial and Applied Mathematics (SIAM) Fellow

Prof Berge Tsanou - C2 NRF Rating, 1 January 2022

RESEARCH OUTPUT HIGHLIGHTS

CONFERENCES

Mihaja Ramanantoanina took part in the *13th Conference on Dynamical Systems Applied to Biology and Natural Sciences* (DSABNS 2022) which ran from 8 to 11 February 2022 (Online).

Jacek Banasiak presented at the *NITheCS Colloquium* on Monday, 28 March 2022. The title of his talk was *Fads and fallacies of mathematical modelling and applications of mathematics*.

Manjunath Gandhi acted as an invited speaker at the *International Conference on Differential Equations* (DEDS 2022), which ran from 21 to 23 March 2022 (Online).

PUBLICATIONS IN ISI/ACCREDITED JOURNALS

Congratulations to the following colleagues whose article has been published

- M de Jeu (with X Jiang) - *Positivity* 26(32)(2022) 1-39
- JP de Wet, M Frick (with AP Burger, N van Cleemput, CT Zamfirescu) - *J. Graph Theory* 100(2022) 50-68
- NKK Dukuza - *Journal of Applied Nonlinear Dynamics* 11(2)(2022) 297-308
- L Mabitsela, C Guambe, R Kufakunesu R - *Communication Statistics - Theory and Methods* 51(6)(2022) 1791-1810
- SY Madanha (with A Ballester-Bolinches, MC Pedraza-Aguilera) - *Journal of Algebra* 579(2022) 434-443
- SY Madanha - *Communications in Algebra* 50(1)(2022) 308-312
- V van Appel, E Maré - *S Afr J Sci.* 118(2022) 1-7
- PJ Venter, E Maré - *South African Statistical Journal* 56(1)(2022) 37-51

Congratulations to the following colleagues whose articles have been accepted

- J Banasiak, D Wetsi Poka (with S Shindin) - *Journal of Physics A: Mathematical and Theoretical*
- B Stapelberg (with CW Cleghorn) - *Swarm and Evolutionary Computation: Particle Swarm Optimization*