

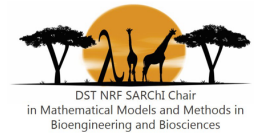
# October Workshop on Research Trends in Mathematical Modeling and Analysis in Life Sciences



UNIVERSITEIT VAN PRETORIA  
UNIVERSITY OF PRETORIA  
YUNIBESITHI YA PRETORIA

## Faculty of Natural and Agricultural Sciences

Fakulteit Natuur- en Landbouwetenskappe  
Lefapha la Disaense tša Tlhago le Temo



## FUTURE AFRICA at the University of Pretoria 1 – 3 November 2019

Over the years, the application of Mathematics in Biology and life sciences opened exciting research problems, in particular, in the areas of epidemiology, cancer modeling, ecology, bioengineering, etc. Interesting research problems bring with them new mathematical challenges. The workshop aims to provide a forum for students, emerging and established researchers to explore new Research Trends in Mathematical Modeling and Analysis in Life Sciences. The workshop features scientific lectures by top researchers in the field, and contributed talks by participants demonstrating the importance of mathematics and multidisciplinary research.

### Plenary Speakers

1. Prof Jacek Banasiak (University of Pretoria, South Africa)
2. Prof Jose Carrillo (Imperial College London, UK)

**Participation and Registration:** Follow the Workshop website: [www.up.ac.za/mals2019](http://www.up.ac.za/mals2019)

**Venue and Accommodation:** Future Africa Campus: [www.up.ac.za/future-africa](http://www.up.ac.za/future-africa)

### Important Dates and Deadlines

- October 11, 2019: Deadline for registration & submission of abstracts
- October 15, 2019: Notification of acceptance
- November 1 – 3, 2019: Workshop!

### Sponsors:

- 1 Center of Excellence in Mathematical and Statistical Sciences, (CoE-MaSS)
- 2 SARChI Chair in Mathematical Models and Methods in Bioengineering and Biosciences, University of Pretoria

### Organising Committee:

1. Roumen Anguelov
2. Michael Chapwanya ([m.chapwanya@up.ac.za](mailto:m.chapwanya@up.ac.za)),
3. Phindile Dumani
4. Salisu Garba ([salisu.garba@up.ac.za](mailto:salisu.garba@up.ac.za)),
5. Rachid Ouifki ([rachid.ouifki@up.ac.za](mailto:rachid.ouifki@up.ac.za))