

**NITheCS Colloquium**  
**Monday, 28 March 2022, 16h30 – 17h30**  
Prof Jacek Banasiak (University of Pretoria)

**'Fads and fallacies of mathematical modelling and applications of mathematics'**



## **ABSTRACT**

This is a popular talk about mathematical modelling in applied sciences and what could happen if we ignore basic mathematical principles in the process. I provide some illustrative cases from recently applied papers, mostly in epidemiology.

## **BIOGRAPHY**

Jacek Banasiak has been DSI/NRF SARCHI Chair in Mathematical Models and Methods in Biosciences and Bioengineering at the University of Pretoria since January 2016.

His research interests include nonlocal, integro-differential models in kinetic theory, modelling life

science processes, fragmentation-coagulation processes and mathematical biology, dynamics on networks and asymptotic analysis of multiple scale problems.

**CLICK TO REGISTER**

Or register at: <https://bit.ly/3thUBbg>

**Join us online afterwards to meet the speaker: [https://www.kumospace.com/nithecs\\_social](https://www.kumospace.com/nithecs_social)**