



# SACEMA

DST-NRF Centre of Excellence in Epidemiological Modelling and Analysis

## PUBLIC LECTURE

*The DST-NRF Centre of Excellence in Epidemiological Modelling and Analysis (SACEMA) invites you to a Public Lecture by Dr Florian Marx*

**Title: Heterogeneity in the risk of disease progression - implications for tuberculosis control in high-transmission settings**

**Date: Monday, 06 May 2019**

**Time: 18h00 – 19h30**

**Venue: Wallenberg Centre, 10 Marais Street, Stellenbosch**

### **More about the presenter:**



Dr. Florian Marx is a Senior Researcher at SACEMA and the Desmond Tutu TB Centre (DTTC), Faculty of Medicine and Health Sciences of Stellenbosch University. He coordinates a joint SACEMA-DTTC Tuberculosis Modelling Research Programme and leads the Working Group Data Analysis and Modelling (WGDAM). Before joining SACEMA, he received a PhD degree at Stellenbosch University (2018) and completed a research fellowship at Harvard Medical School (2014) and Yale School of Public Health (2015-16). He received a Masters Degree in Epidemiology from the London School of Hygiene and Tropical Medicine (2009) and a Medical Degree from Charité Berlin (2007). His research focusses on the epidemiology of tuberculosis and the public health impact of TB control interventions with a particular focus on high-incidence settings.

### **More about the lecture:**

In tuberculosis (TB)-endemic settings, there is substantial variation in the risk of progression to active TB following infection. Targeting control interventions towards individuals at high risk of disease progression is therefore key to reducing TB incidence and mortality. This talk will review the evidence about heterogeneity in the risk of progression to active TB. Based on examples from field studies and mathematical models, it will then discuss how additional interventions to tackle disease progression risks will be essential to further reduce TB in the South African population.

**To RSVP kindly email Amanda October at [aaoctober@sun.ac.za](mailto:aaoctober@sun.ac.za) on or before 24 April before 12h00**

**Light refreshments will be served after the lecture**