
DEMOGRAPHY AND DYNAMICS OF EPIDEMIOLOGICAL MODELS

Jacek Banasiak

The demography of the population has a significant impact on the development of any disease. However, in many malaria models, the demography is described using ad hoc or generic population dynamics equations. In the talk, we shall discuss population models commonly used in epidemiology and show that their choice can dramatically affect the dynamics of the disease and therefore has to be done with extreme care.

Jacek Banasiak, University of Pretoria, Lodz University of Technology
e-mail : jacek.banasiak@up.ac.za
