

INDIVIDUAL -BASED MODELING OF MICROBIAL INTERACTIONS & PROCESSES

PhD COURSE

June 8-13, 2008

Technical University of Denmark (DTU), Lyngby, Denmark

DTU Environment and RECETO offer a hands-on course in which participants will learn the basic features and assumptions of Individual-based Modeling (IbM), become proficient with a new open-source IbM software platform (iDynoMics), learn to formulate, annotate, and classify various dynamic microbial interactions and processes.

Students and researchers from the fields of engineering, environmental science, microbiology, microbial ecology, ecology, computer science, applied mathematics, physics are encouraged to attend. Potential participants should submit their CV, statement letter, and a reference letter from their main advisor. The number of participants is limited.

Course Instructors:

Jan U. Kreft, University of Birmingham
Laurent Lardon, Technical University of Denmark
Cristian Picioreanu, Delft University of Technology
Barth F. Smets, Technical University of Denmark
Joao B. Xavier, Harvard University
Andreas Doetsch, Helmholtz Centre for Infection Research

Course Credit: 5 ECTS

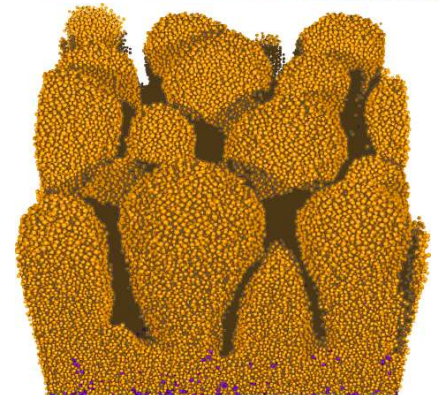
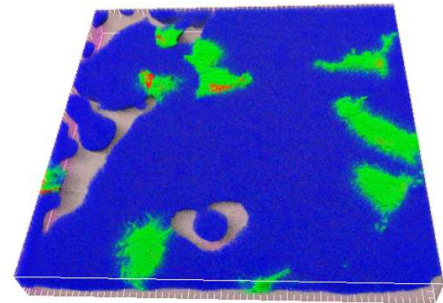
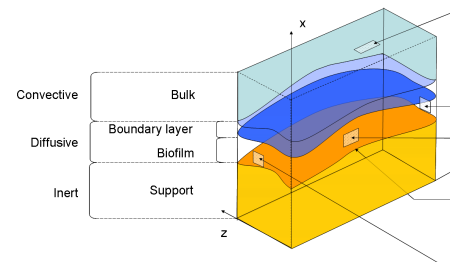
Application Deadline: April 15th, 2008

Course Fee: 100 € for PhD students, 1000 € for non-PhD (includes: lunch and coffee/tea breaks)

Course Registration:

Registration and other information will be available soon on <http://emerg.env.dtu.dk> under "IbM PhD Course" link

Contact: Laurent Lardon : lal_ibm@env.dtu.dk & Gamze Gulez : gag_ibm@env.dtu.dk
Technical University of Denmark, Department of Environmental Engineering,
Bygningstorvet 115, Kongens Lyngby, 2800, Denmark



RECETO



Research School of Environmental
Chemistry, Microbiology & Toxicology



Center for
Environmental & Agricultural Microbiology

UWT

Urban Water Technology
Research School