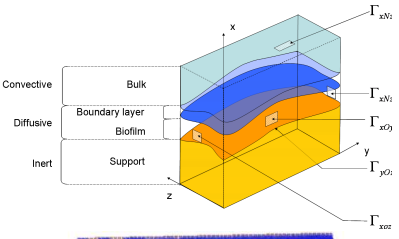
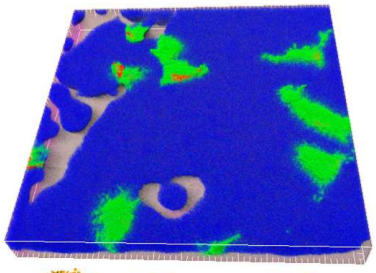
INDIVIDUAL-BASED MODELING OF MICROBIAL INTERACTIONS & PROCESSES

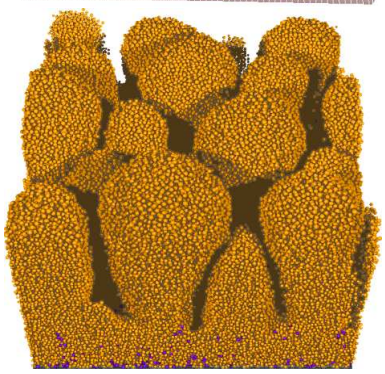
PhD COURSE — June 8-13, 2008
Technical University of Denmark (DTU), Lyngby, Denmark

This is 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

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

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iDynoMicS

Microbial Ecology Mikrobiel Økologi

DTU