



The international Graduate College  
'Complex Processes: Modelling, Simulation and Optimization'  
invites to the upcoming workshop on:



# Complex Processes - Approaches to Modelling in Science

Warsaw 13. - 15. February 2003

## Contents:

This workshop is directed to undergraduate and graduate students of mathematics and other fields that would like to get an idea how mathematics can be used for modelling in natural sciences. Since the field of modelling is far too large to give an complete overview, we will focus on presenting a selection of examples from various fields. Among others, topics will include a series of lectures from classical genetics to modelling AIDS epidemics, an introduction to quantum mechanical models, stochastic models, population dynamics, turing mechanisms, and the problem of sequence identity estimation in proteomics and genomics. Lectures will be given by members of the Graduate College from Warsaw and Heidelberg.

The number of participants is limited!

For further information see [http://www.icm.edu.pl/gc\\_warsaw1](http://www.icm.edu.pl/gc_warsaw1)  
or contact Franziska Matthäus ([franzi@icm.edu.pl](mailto:franzi@icm.edu.pl)).  
Interested members of the Graduate College in Heidelberg please  
contact Ileana Tecuatl ([ileana.tecuatl@iwr.uni-heidelberg.de](mailto:ileana.tecuatl@iwr.uni-heidelberg.de)).