

Non-Linear Methods for Complex Systems Analysis

Interdisciplinary Summer School organized by the
Competence Area 3: Quantitative Modeling of Complex Systems
of the University of Cologne

complexsystems.uni-koeln.de/summerschool.html

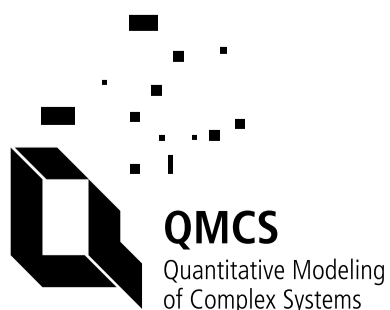
Location:
University of Cologne
Cologne, Germany

Application Deadline:
10.07.2015

This one-week summer school brings together **master's degree and PhD students** from international universities for an interdisciplinary hands-on learning experience. The workshop will **introduce non-linear analysis methods** using the Python toolbox pyunicorn. With the techniques presented in the summer school, such as complex networks and phase space concepts, the students will be able to characterize highly complex systems. Such systems are frequently encountered, e.g., in **biology, chemistry, economics, geoscience, neuroscience, and physics**. Lectures and computer labs will be led by Dr. Reik Donner and Marc Wiedermann from the Potsdam Institute for Climate Impact Research. For the complete program and to apply visit complexsystems.uni-koeln.de/summerschool.html

Date:
28.09.-02.10.2015

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For a detailed program and contact information see:
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