



UT Austin | Portugal Colab Program Autumn School in Nonlinear Science

Técnico, Lisboa

October 5-9, 2015

Lecturers

Clint Dawson — ICES/UT Austin

Peter Knabner — Universität Erlangen-Nürnberg

Tuomo Kuusi — Aalto University

Alexei Novikov — Penn State

K. R. Rajagopal — Texas A&M

Topics

Modeling, analysis and simulation of nonlinear phenomena

Non-local and nonlinear PDEs

Phase transitions

Free boundary problems

Porous media flows

Contaminant transport in subsurface environments

Audience

Doctoral and post-doctoral students. Funding for up to 25 students.

Features

Week-long courses by the lecturers. Tutorial sections run by post-docs.

Scientific Committee

Clint Dawson — UT Austin

José Miguel Urbano — Universidade de Coimbra

Juha Videman — Instituto Superior Técnico,
Universidade de Lisboa

Organizing Committee

*Margarida Baía, Farid Bozorgnia,
Leonard Monsaingeon, Juha Videman*
Instituto Superior Técnico

<http://nls2015.math.tecnico.ulisboa.pt>