

# 7th Zürich Summer School

Organizers: S. Sauter (Universität Zürich), R. Hiptmair, Ch. Schwab (ETH Zürich)

20.08. - 24.08.2012

## A Posteriori Error Control and Adaptivity

### Themes:

- Adaptive Discretization of PDE problems
- Convergence of Adaptive Discretization
- Functional Error Majorants
- Modelling Errors
- Reduced Basis Method

### Applications:

- Elliptic and Parabolic PDEs
- Singularly Perturbed Problems
- Parametrized PDEs
- Problems on thin Domains/heterogeneous Media

### Plenary Lecturers

- R. Nochetto - University of Maryland, College Park
- S. Repin - V.A. Steklov Institute, St. Petersburg
- S. Sauter - University of Zürich
- B. Stamm - University of California, Berkeley
- R. Stevenson - University of Amsterdam

### Contact and Location:

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Registration Deadline: 15.07.2012