



## RMMM - Zürich 2015

### Reliable Methods of Mathematical Modeling

June 30 - July 2, 2015

#### Aim and scope

The biennial RMMM conferences bring together scientists developing reliable methods for mathematical modeling. The range from applied and numerical modeling, methods for the control of modeling and numerical errors, algorithmic aspects to challenging applications is covered.

The main topics conclude:

- mesh-adaptive numerical methods in various applied problems,
- a posteriori error control and verification of numerical solutions,
- validation of mathematical models used in computer simulation,
- nonlinear computational partial differential equations.

#### Scientific Committee

M. Ainsworth, Brown University, Providence  
C. Carstensen, Humboldt University, Berlin  
R. Hoppe, University of Houston  
P. Neittaanmäki, University of Jyväskylä  
R.H. Nochetto, University of Maryland  
R. Rannacher, Ruprecht-Karls-Universität Heidelberg  
Institut für Angewandte Mathematik  
J. Rappaz, EPFL, Lausanne  
S. Repin, Steklov Institute, St. Petersburg (co-chair)  
S. Sauter, Universität Zürich (co-chair)

#### Previous workshops

University of Jyväskylä (2013)

Ecole polytechnique fédéral de Lausanne (2011)

Department of Mathematics, Humboldt University of Berlin (2009)

Steklov Institute of Mathematics in St.-Petersburg (2007)

Universität Zürich (2005)

University of Jyväskylä (2003)

#### Contact

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