

Jyväskylä - Scientific and Human Technology City in the heart of Finland

Jyväskylä is a dynamic, youthful and lively city, which on the basis of its specializations promotes itself as the Human Technology City. The City of Jyväskylä is the seventh largest city in Finland with 130 000 residents, which is famous for achievements in science and technology, high-quality cultural activity, and beautiful nature.

Jyväskylä is a university city. It hosts one of the largest Finnish multidisciplinary universities with a total of seven faculties. University of Jyväskylä is a well-known international scientific center where students and scientists from all parts of the world work in a friendly and thoughts supporting atmosphere.

The Faculty of Information Technology is the first and largest IT faculty in Finland. Information Systems Science has been taught at the University of Jyväskylä since 1967. At the Department of Mathematical Information Technology, information technology is studied from the perspective of natural sciences. Here, studies are based upon strong knowledge in modern applied mathematics and participation in industrial projects. Special attention is also being given to research training in addition to both international and national co-operation.

Conference Secretariat

RMMM2013

Faculty of Information Technology
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Finland

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Web: <http://www.mit.jyu.fi/scoma/RMMM2013/>

Location

RMMM2013 will be hosted at
University of Jyväskylä,
Agora, Mattilanniemi 2,
FI-40100 Jyväskylä, Finland.



The Federation of Finnish Learned Societies

The financial support for the conference is provided by Department of Mathematical Technology and TSV, Federation of Finnish Learned Societies. More information can be found at the foundation web-page: <http://www.tsv.fi/engl>.



FEDERATION OF FINNISH LEARNED SOCIETIES

RM³ 2013



Reliable Methods of Mathematical Modeling



<http://www.mit.jyu.fi/scoma/RMMM2013>

Aim and Scope

RMMM 2013 conference brings together scientists working for reliable methods of mathematical modelling, which are among the latest developments on the field of scientific computing. In the Department of Mathematical Information Technology of the University of Jyväskylä, professors Sergey Repin and Pekka Neittaanmäki lead an international research team dedicated to reliable mathematical modelling. The first RMMM was organized 2003 in Jyväskylä. The conference returns to Finland after ten years, during which it has been organized 2005 in Zurich, 2007 in St. Petersburg, 2009 Berlin, and 2011 in Lausanne.

Conference Topics

- 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



Program Committee

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

Local Organizing Committee

- O. Mali
- S. Matculevich
- P. Neittaanmäki
- M.-L. Rantalainen
- T. Samrowski
- T. Tuovinen
- K. Valpe

Program

The **Scientific program** will be available in June.

The **Social program** will include:

- Welcoming party on July 1, 18.00;
- Excursion at Varjola* on July 2, 15.30 (optional);
- Smoked sauna at Varjola on July 2, 17.00 (optional);
- Conference dinner at Varjola on July 2, 19.00.



More detailed information about Varjola is available on the web-page: <http://www.varjola.com/home/>.

Important Dates

Extended dead-line for submission of applications (approximately 1 page)	May 15, 2013
Confirmation of acceptance	May 25, 2013
Arrival day*	June 30, 2013
Departure day*	July 4, 2013
RM ³ 2013	July 1–3, 2013

* It's possible to organize a bus transportation from Vantaa Helsinki Airport to Jyväskylä on June 30 at 18.00 and back on July 4 at 9.00. Fee for the transportation will be fixed in the nearest time.

Registration

It is planned that the conference fee will be **200 Euro** for participants and **100 Euro** for the accompanying persons.



Accommodation

Arrangement are done with Hotel Alba, Sokos Hotel Alexandra, Solo Sokos Hotel Paviljonki, Spa Hotel Rantasipi Laajavuori and Scandic Jyväskylä.

Detailed information will be available on the conference website: <http://www.mit.jyu.fi/scoma/RMMM2013>.