



# eukleides

MATEMATIIKAN TIEDOTUSLEHTI

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## MATHEMATICAL METHODS FOR SPECTRAL PROBLEMS: Applications to waveguides, periodic media and metamaterials

Workshop at the University of Helsinki, March 5th-7th, 2013

The topics of the conference are analytic and numerical methods for elliptic spectral problems, and particular interest is focused on periodic media, waveguides, spectral band-gap structures, scattering of waves and other phenomena, which are relevant in mathematical models of wave propagation in material physics, fluid dynamics and so on. The conference site is the Exactum building at the Kumpula Campus of the University of Helsinki.

Main talks are given by: ANNE-SOPHIE BONNET-BEN DHIA (Paris), XAVIER CLAEYS (Paris), SONIA FLISS (Paris), CHRISTOPHE HAZARD (Paris), MATTI LASSAS (Helsinki), ERIC LUNEVILLE (Paris), SERGEY A. NAZAROV (St. Petersburg), VINCENT PAGNEUX (Paris), KEIJO RUOTSALAINEN (Oulu), JARI TASKINEN (Helsinki).

More information: <http://www.helsinki.fi/~taskinen/workshop13/>

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## A quasiconformal life: Celebration of the legacy and work of F.W.Gehring

University of Helsinki, August 11-12, 2013

In memory of the distinguished mathematician Frederick William Gehring the conference “A quasiconformal life: Celebration of the legacy and work of F.W.Gehring” will be organized in the University of Helsinki, August 11-12, 2013. The Conference will take place at the downtown campus of the University of Helsinki on Sunday and Monday, August 11-12, after the XXIIth Rolf Nevanlinna Colloquium, which will be held at the same place August 5 – 9, 2013.

Alan Beardon, Mario Bonk, Tadeusz Iwaniec, Peter Jones, Pekka Koskela, Gaven Martin, Brad Osgood, Bruce Palka, Kai Rajala, Nageswari Shanmugalingam, Jussi Väisälä and Jang-Mei Wu have already promised to give a lecture at the Conference.

The registration and accommodation web pages will be available at the beginning of February, 2013. There is no conference fee.

More information: <http://wiki.helsinki.fi/display/Gehring/Home>

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## XXII Rolf Nevanlinna Colloquium 2013

August 5-9, 2013, Helsinki, Finland

The XXIIth Rolf Nevanlinna Colloquium will be organized between August 5-9, 2013, in Helsinki, Finland. The venue is the Porthania Building (address: Yliopistonkatu 3) at the University of Helsinki Central Campus, in downtown Helsinki.

Plenary Speakers: Ian Agol, Jeff Brock, Marianna Csörnyei, Daniel Faraco, Koji Fujiwara, Nicola Fusco, Jeremy Kahn, Joachim Krieger, Antti Kupiainen, Maryam Mirzakhani, Jani Onninen, Stefan Wenger.

More information: <http://wiki.helsinki.fi/display/RNC2013/>

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## Computational Methods and Function Theory 2013

June 10–14, Shantou University, Shantou, Guangdong, China.

The general theme of the meeting concerns various aspects of interaction of complex variables and scientific computation, including related topics from function theory, approximation theory and numerical analysis. Another important aspect of the CMFT meetings, previously held in Valparaiso 1989, Penang 1994, Nicosia 1997, Aveiro 2001, Joensuu 2005 and Ankara 2009, is to promote the creation and maintenance of contacts with scientists from diverse cultures.

International Organizing Committee: Ilpo Laine (University of Eastern Finland); Stephan Ruscheweyh (Universität Würzburg, Germany); Edward B. Saff (Vanderbilt University, USA); Yuefei Wang (AMSS, Chinese Academy of Sciences, China); Hasi Wulan (Shantou University, China).

More information: <http://math.stu.edu.cn/cmft/index.asp>

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