

Submittee: Bin Han

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Title: International Conference on Applied Harmonic Analysis and Multiscale Computing

Event Type: Conference-Workshop

Location:

University of Alberta, Edmonton, Canada

Dates:

July 25-28, 2011

Topic:

The purpose of the conference is to bring together mathematicians, computer scientists, and engineers in the area of applied and computational harmonic analysis to exchange ideas, collaborate among participants, and explore recent exciting developments. The conference has 112 participants and features 65 presentations: 6 one-hour plenary talks, 36 forty-minute invited talks, and 23 twenty-minute talks. This international conference concentrates on recent advances on applied and computational harmonic analysis, multiscale-based methods, and their various applications in the broad sense. The topics of interest include, but not limited to, Applied harmonic analysis, Approximation theory, Compressive sampling and sparsity, Computational methods, Image and signal processing, Learning theory and algorithms, Multiscale-related numerical algorithms, Sampling theorems in signal processing, Subdivision schemes, Wavelets and framelets. Scientific Committee: Carl de Boor (University of Wisconsin - Madison), Ronald DeVore (Texas A&M University), Thomas J. R. Hughes (The University of Texas at Austin), Stanley Osher (University of California at Los Angeles), Gilbert Strang (Massachusetts Institute of Technology).

Methodology:

1-hour invited plenary talk, 40-minute invited talks, 20-minute invited talk, and 20-minute contributed talks.

Organizers:

Han, Bin, Department of Mathematical and Statistical Sciences, University of Alberta. Braverman, Elena, Department of Mathematics, University of Calgary. Jia, Rong-Qing, Department of Mathematical and Statistical Sciences, University of Alberta. Wong, Yau Shu, Department of Mathematical and Statistical Sciences, University of Alberta. Yilmaz, Ozgur, Department of Mathematics, University of British Columbia

Speakers:

see the attached files for a list of participants, a list of speakers, talk schedule, and all abstracts.

Links:

<http://www.ualberta.ca/~ahamc>

Comments / Miscellaneous:

all the information about the conference and afterward summer school is available from the above conference web page.

File Uploads:

Additional Upload 1: http://www.pims.math.ca/files/final_report/conferenceparticipants.pdf

Additional Upload 2: http://www.pims.math.ca/files/final_report/conferenceschedule.pdf

Additional Upload 3: http://www.pims.math.ca/files/final_report/abstract.pdf

Additional Upload 4: http://www.pims.math.ca/files/final_report/ahamc.pdf
