ESI 2012

WAVELET METHODS IN SCIENTIFIC COMPUTING

November 12 – 16, 2012
Erwin Schroedinger Institute, Vienna, Austria

Wavelets are by now a well-established tool in scientifc computing, in particular for the numerical treatment of operator equations. Quite recently, it has also turned out that variants of the classical wavelet algorithms (tensor wavelets, orthogonal multiwavelets) have some potential to treat high-dimensional problems. Furthermore, the treatment of inverse problems by (adaptive) wavelet algorithms is currently one of the hot topics. Therefore, the aim of this workshop is to discuss the state of the art and the further perspectives of wavelet methods in scientific computing.

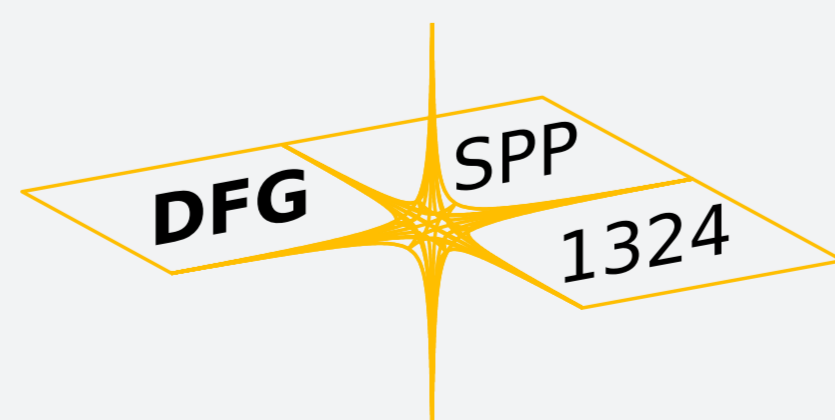Organizers:

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This workshop "Wavelet Methods in Scientific Computing" is part of the program "Modern Methods of Time-Frequency Analysis II" organized by

Hans Georg Feichtinger (Universität Wien)

Karlheinz Gröchenig (Universität Wien)

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