

Scientific Computing

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CBC talk: Edge-preserving denoising of CT images using K-SVD, December 11, 2008



Total number of participants: 14
 Total number of guests outside of CBC: 3
 Number of different nationalities represented: 5
 Total number of speakers: 1
 Total number of talks: 1

On Thursday Dec 11 in Storstua, immediately following the SC department meeting (14:00?), Dominik Bartuschat will present his previous work on edge-preserving denoising of CT images using K-SVD. This algorithm is an efficient method for designing overcomplete dictionaries for sparse representation of signals. Dominik will also talk about implementation of K-SVD on the Cell processor, aiming at performing the denoising in close to real-time.

Dominik received his Master's degree from the University of Erlangen in Germany, where he belonged to the research group of Ulrich Rüde. For the time being, Dominik is working as a scientific programmer in Kalkulo.

Participant list

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What	▪ Talk
When	Dec 11, 2008 from 02:00 PM to 03:00 PM
Contact Name	Are Magnus Bruaset
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