

Sixth internal CSGB Workshop

Brøndums Hotel 2-3 May 2013

Programme

Thursday 2 May 2013

11.00-12.00 Short research talks

- Andrew du Plessis, AU-math: *Reconstruction from refined digital images*
- Ólöf Thórisdóttir, AU-math: *The invariator principle in convex geometry*

12.00-13.00 Lunch

13.00-14.30 Presentation and discussion of PhD and postdoc projects

- Mads Nielsen, KU: *Quantification of Alzheimer's disease by MRI: atrophy by registration and structure by texture analysis*
- Farzaneh Safavimanesh, AAU: *The cylindrical K-function and models for anisotropy analysis of minicolumn data*
- Mahdieh Khanmohamadi, KU: *Vesicle segmentation and modeling in electron microscope images*

14.30-15.00 Coffee

15.00-16.00 Presentation and discussion of PhD and postdoc projects (continued)

- Jan-Otto Hooghoudt, AAU: *Using spatial point process models to describe cellular protein interactions*
- Allan Rasmusson, AU-bio: *Segmenting overlapping shapes by utilizing test ray intersections*

16.00-18.30 Excursion to Grenen

19.00- Dinner

Friday 3 May 2013

08.00-09.00 Breakfast

09.00-10.30 Presentation and discussion of PhD and postdoc projects (continued)

- Robert Jacobsen, AAU: *Blurry predictions of MR images*
- Aasa Feragen, KU: *Large-scale analysis of anatomical trees: statistics and kernels*
- Matthew Liptrot, KU: *Connectivity graphs in MRI*

10.30-11.30 *Group discussions and coffee*

11.30-12.00 Short administrative meeting

12.00- Lunch and departure