



CENTRE FOR **STOCHASTIC GEOMETRY**
AND ADVANCED **BIOIMAGING**

Eighth internal CSGB Workshop

Sankt Helene, Tisvildeleje, 8-9 May 2014

Programme

The workshop will be held in Sankt Helene, Bygmarken 30, 3220 Tisvildeleje.

Thursday 8 May 2014

11.00-12.00 Research talks

- Yongtao Guan, Miami: *A new estimation approach for combining epidemiological data from multiple sources*

12.00-13.00 Lunch

13.00-13.30 Research talks (continued)

- Jens R. Nyengaard, AU-bio: *Clearing tissue for microscopy*

13.30-14.30 Presentation and discussion of PhD and postdoc projects

- Astrid Kousholt, AU-math: *Surface tensor estimation from linear sections*
- Katrine Hommelhoff Jensen, KU: *Modeling and removal of superfluous structures for accurate reconstruction in single-particle cryo-EM*

14.30-15.00 Coffee/tea

15.00-16.30 Presentation and discussion of PhD and postdoc projects (continued)

- Anne Marie Svane, AU-math: *Local algorithms for grey-scale images*
- Ina Trolle Andersen, AU-math/bio: *Matérn thinned Cox processes*
- Mohammad Ghorbani, AAU: *Two examples of space-time modeling, using the conditional intensity function*

16.30 Walk in the surroundings

19.00 Dinner

Friday 9 May 2014

09.00-10.00 Research talks (continued)

- Aasa Feragen, KU: *Non-linear statistics for diffusion weighted imaging*
- Jon Sparring, KU: *Vesicle distribution and shape from electron microscopy*

10.00-11.00 Group discussions, coffee/tea

11.00-12.00 Administrative meeting

12.00-13.00 Lunch and departure