



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

Fifteenth Internal CSGB Workshop

Department of Mathematics, Aarhus University

15 - 16 November 2017

Programme

The workshop will be held at Department of Mathematics, Aarhus University, Ny Munkegade 118, DK-8000 Aarhus C.

The workshop will start immediately after the follow-up meeting with the Villum Foundation that takes place at Department of Mathematics on 15 November, 11.30-14.00.

Wednesday 15 November 2017

14.00-15.00 Research talks in Aud. D4 (1531-219)

- Anders Rønn-Nielsen, AU-math: *Estimation and central limit theorems for Lévy-based random fields*
- Achmad Choiruddin, AAU: *Estimation of intensity functions for point processes by means of LASSO methods*

15.00-15.30 Coffee/tea

15.30-17.00 Research talks (continued) in Aud. D4 (1531-219)

- Hans Jacob T. Stephensen, KU: *Distribution of organelles using shortest path metrics on the intracellular space of the neuron active zone*
- Ivan d'Annibale, KU: *Attempts in sliding motion*
- Nick Yin Larsen, AU-bio: *Characterization of minicolumns and volume tensors of neurons in Brodmann Area 46 in normal, schizophrenic and depressive human autopsy brains*

17.00-19.00 Downtown walk and registration at

- Hotel Radisson, Margrethepladsen 1, 8000 Aarhus C. Tel +45 86 12 86 65

19.00-22.00 Dinner

- Restaurant ET, Åboulevarden 7, 8000 Århus C. Tel +45 86 13 88 00

Thursday 16 November 2017

09.00-10.00 Research talks (continued) in Aud. G1 (1532-116)

- Rikke Eriksen, AU-math: *Uniqueness of the measurement function in Crofton's formula*
- Helene Svane, AU-math: *Reconstruction from refined digital images*

10.00-11.00 Meetings with coffee/tea

- Administrative meeting in G3.1 (1532-314)
- Junior meeting in G3.3 (1532-322)

11.00-12.00 Group discussions in G3.1 (1532-314) and in G3.3 (1532-322)

12.00-13.00 Lunch and departure