

Monday

09:30 - 10:20 Plenary Talk: **Merlise Clyde**

10:20 - 10:40 Coffee break

10:40 - 12:10 2 Parallel sessions

- *Variable Selection*
- *Stein's method in Computational Statistics*

12:10 - 14:30 Lunch break

14:00 - 15:30 2 Parallel sessions

- *Computational Machine Learning*
- *Sequential Monte Carlo*

15:30 - 15:50 Coffee break

15:50 - 17:20 2 Parallel sessions

- *Advances in Piecewise Deterministic Sampling Algorithms*
- *Scalable Monte Carlo: Strategies For Sub-Sampling And Distributed Inference*

17:30 - Poster session - drinks - snacks

Tuesday

09:30 - 10:20 Plenary Talk: **Gareth Roberts**

10:20 - 10:40 Coffee break

10:40 - 12:10 2 Parallel sessions

- *Scalable inference for hierarchical models*
- *Adaptive MCMC and High Performance Computing*

12:10 - 14:30 Lunch break

14:00 - 15:30 2 Parallel sessions

- *Deterministic approximation methods and pseudo-likelihoods*
- *Computational Bayes for Cancer Genomics Applications*

15:30 - 15:50 Coffee break

15:50 - 17:20 2 Parallel sessions

- *Intractable Likelihood*
- *Asymptotics of MCMC convergence rates*

17:30 - 19:00 2 Parallel sessions

- *Recent Advances in Bayesian Computation for Characterizing Astrophysical Populations*
- *Fast Communications*

Wednesday

09:30 - 10:20 Plenary Talk: **Andrew Stuart**

10:20 - 10:40 Coffee break

10:40 - 12:10 2 Parallel sessions

- *Applied Math meets Bayes Comp*
- *Illustration of software for BayesComp: NIMBLE and Birch*

12:10 - 13:30 Lunch break

13:30 - 15:00 2 Parallel sessions

- *Hamiltonian Monte Carlo*
- *Bayesian computing for Economics, Business and Finance*

15:10 - 16:00 Plenary Talk: **Antonieta Mira**

16:00 - 20:00 Guided walk/Sport events

21:00 - Dinner