

CHEMS SUMMER SEMINAR: 5-6.6.2019

[Haikko Manor](#)

5.6.2019

Bus leaves at 09.00 from Kumpula to Haikko Manor

10.00-10.45 Prof. Jan Grimm from [Memorial-Sloan Kettering Cancer Center](#): Nanoparticles for Imaging and Therapy

10.45-11.30 Dr. Tiina Sikanen: Sustainability in drug discovery and development

11.30-12.30 Lunch

12.30-13.15 Dr. Anna Kirjavainen / Turku, PET Center: Transition metal mediated ¹⁸F-fluorination reactions

13.15-13.35 Joshi Satya Prakash: Kinetics of the methyl–vinyl radical + O₂ reactions associated with propene oxidation

13.35-13.55 Xiaodong Li: Multi-site surface complexation modelling of Se(IV) absorption on biotite

13.55-15.00 Coffee and posters

15.00 – 15.45 Prof. Pedro Camargo: Designing plasmonic and catalytic nanoparticles for solar-driven chemistry

16.10 – 18.15 Sauna

19.30 Dinner

6.6.2019

8.30 – 8.40 Prof. Ilkka Kilpeläinen: News from DONASCI

8.40-9.25 Prof. Ilkka Kilpeläinen: Reincarnation of wood, paper and waste

9.25-9.45 Matti Leskinen: Additive Manufacturing of Cellulose and its derivatives

9.45-10.05 Evgeni Grazhdankin: Homology modelling with probabilistic restraint graphs

10.05-10.20 Break

10.20-10.40 Kristina Sorochkina: NMR signal amplification with ansa-frustrated Lewis pairs and parahydrogen: progress and challenges

10.40-11.00 Santeri Aikonen: Computational insight into oxidative dehydrogenative C-C couplings of (hetero)aryls

11.00 – 11.20 Riina Häkkinen: Solvation of carbohydrates in deep eutectic solvents and its implications for cellulose solubility

11.20 – 12.05 Dr. Raija Lantto / VTT: Going beyond a circular economy

12.05 Lunch

13.10 Bus leaves from Haikko Manor to Kumpula