11.00-11.10 Opening

11.10-11.40 Teuvo Maunula: Efficient Research and Development of Commercial Emission Catalysts

11.40-12.10 Karoliina Honkala: Selectivity in computational heterogeneous catalysis

12.00-12.30 Lunch

13.00-15.00 Presentations by PhD students and post-doctoral researchers:
1. Nemanja Vucetic: Stabilization of Supported Ionic Liquid Catalyst (SILCA) for green Heck reaction
2. Soudabeh Saeid: Catalytic ozonation and non-Catalytic ozonation of ibuprofen
3. Salla Jaatinen: Ni- and CuNi-modified activated carbons and ordered mesoporous CMK-3 for 2-methylfuran production by furfural hydrotreatment
4. Tuomas Nevanperä: Technology development for catalytic oxidation of harmful compounds emitted by industry
5. José Luis González Escobedo: Hydrodeoxygenation of γ-Nonalactone on Pt-Ce-Zirconia and Pt-La-Zirconia Catalysts
6. Yingnan Zhao: Carbon Oxide on Monoclinic ZrO2 Nanorods
7. Andrey Bazhenov: Genetic algorithm as a tool model wetting of zirconia by Rh and Pt clusters
8. Francisco Vidal Vázquez: Catalyst testing and kinetic modelling for Reverse Water-Gas Shift for Fischer-Tropsch Synthesis applications
9. Marko Melander: Towards realistic description in computational electrochemistry

15.00-15.15 Coffee break

15.15-17.00 Presentations by PhD students and post-doctoral researchers
10. Kalle Lagerblom: Nitroxyl radical catalyzed selective aerobic oxidation of alcohols into respective aldehydes and ketones
11. Erfan Behravesh: Gold Catalyst for Oxidation of Ethanol Using Tubular Fixed Bed and Micro Reactor
12. Laura Svärd: Oxidative catalysis of lignin and lignin model compounds with methyltrioxorhenium (MTO) and \( \text{H}_2\text{O}_2/\text{O}_2 \) in glacial acetic acid and aqueous solution
13. Imane Hachemi: Fatty acids hydrodeoxygenation over sulfur-free Ni catalyst
14. Adriana Freites: Epoxidation of vegetable oils under microwave irradiation, process intensification for biomass conversion
15. Johanna Kihlman: Development of intensified reactors from lab to bench scale
16. Andrea Nebreada: High purity fructose from inulin with a heterogeneous catalyst – From batch to continuous operation

17.00-18.00 Annual Meeting of Finnish Catalysis Society

18.00-19.00 Dinner Buffet