

Tuesday, 6th February 2024



mini-symposium
SynFuels WP Thermochemical routes

- 9.00 **Dr. Pablo Beato** | Topsoe - invited
Synthetic fuels from methanol – current state-of-the-art of science and technology
- 10.00 **Chiara Berretta** | PSI
Enhancing efficiency in methanol synthesis by in-situ adsorption of reaction products
- 10.25 Coffee break
- 10.45 **Luca Maggiulli** | PSI
Definition and behavior of hydrocarbons centers in the methanol-to-olefins process
- 11.10 **Dr. Maarten Nachtegaal** | PSI
Liquid phase methane conversion to C2 products
- 11.35 **Alessia Cesarini** | Empa
Novel catalytic systems for short olefin oligomerization to jet fuel range hydrocarbons
- 12.00 Lunch (individual)
- 13.15 **Dr. Vladimir Paunovic** | ETHZ - invited
On the catalyst deactivation in the methanol-to-hydrocarbons conversion
- 14.15 **Dr. Florent Dubray** | PSI
Synthesis of sustainable aviation fuel (MeOH to SAF): Process optimization assisted by experiment-driven modelization
- 14.40 Closing remarks

room OFLG/402 | PSI