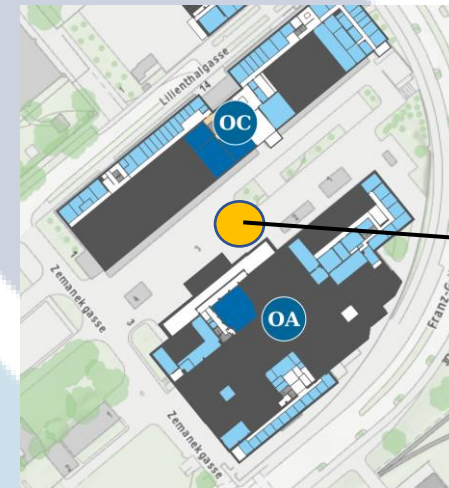


10:00	Welcome - Prof. Markus Haider. <i>Inst. for Energy Systems and Thermodyn., TU Wien.</i>
10:15	The SCARABEUS project and experimental work, chaired by Markus Haider (TU Wien) <i>Overview about the SCARABEUS-Project</i> Prof. Giampaolo Manzolini (Project Coordinator). <i>Department of Energy, Politecnico di Milano.</i>  <i>The sCO<sub>2</sub>-test rig at TU Wien</i> DI Viktoria Illyés (PhD-student). <i>Inst. for Energy Systems and Thermodynamics, TU Wien</i>
11:15	Coffee break
11:30	<i>Presentation of sCO<sub>2</sub>-test rig and lab of TUW</i> Markus Haider, Viktoria Illyés, Andreas Werner. <i>Inst. for Energy Systems and Thermodynamics, TU Wien</i>
12:30	Lunch (Catering)

# Exhibition at the experimental facility



**June 1<sup>st</sup> 2023**



<https://tuw-maps.tuwien.ac.at/?q=OA01E29#>

**Location:** TU Wien, Science Center

**Building:** OA

**Address:** Franz-Grill-Straße 2-4, A-1030 Wien

**Name of Room:** "HS O221"

**Room-No.:** OA01E29



The SCARABEUS project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 814985

sCO<sub>2</sub> power cycles: Components I, perspectives and experiments, chaired by Markus Haider (TU Wien)

*sCO<sub>2</sub> from Baker Hughes' perspective*

Marco Fiori, (MSc). Product Development, *Technology and Innovation Strategy*, Baker Hughes.

13:30

*Future outlook and challenges for implementing sCO<sub>2</sub> energy conversion systems*

Prof. David Sánchez. *Department of Energy Engineering, University of Seville.*

*sCO<sub>2</sub> as a working medium - characteristics of flow and heat transfer*

Prof. René Pecnik. *Head of Process and Energy Laboratory, Delft University of Technology.*

15:00

Coffee break

sCO<sub>2</sub> power cycles: Components II and mixtures, chaired by Andreas Werner (TU Wien)

*Turbomachinery from standpoint of research*

Prof. T. Turunen-Saaresti. *School of Energy Systems LUT University, Finland.*

15:30

*Blends for sCO<sub>2</sub> in power cycles.*

Dr. Andreas Jäger. *Head of Working Group for Thermal Energy Machinery and -plants. TU Dresden.*

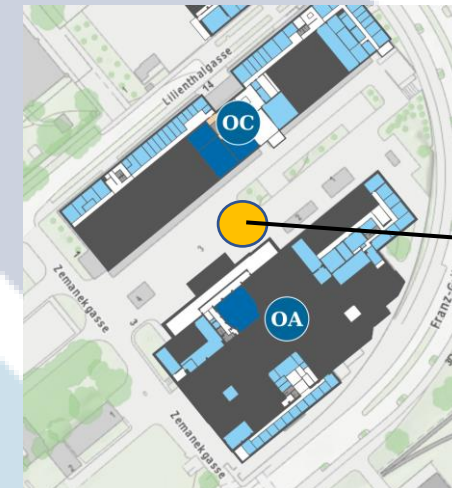
*sCO<sub>2</sub> test rigs: world wide and in Europe (to be confirmed)*

Ing. Otakar Frýbort. *Centrum Výzkumu Řež, s.r.o., Czech Republic.*

# Exhibition at the experimental facility

## SCARABEUS

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