

DLR-Workshop for Women in High-Temperature Energy Technologies

in collaboration with

Technische Universität Dresden, University of Stuttgart, Cottbus University and University of Applied Sciences Zittau/Görlitz

Dresden, March 30-31 2020



Aim and scope

High-temperature energy technologies including thermal energy storage, power to heat, high-temperature heat pumps, and Carnot-Batteries represent key technologies for the decarbonization of the global energy system. The DLR-Institute of Engineering Thermodynamics (DLR-TT) and the DLR-Institute of Low-Carbon Industrial Processes (DLR-DI) invite interested women to attend a workshop that will provide an overview of latest research in this field. The overview will span the full range from basic research to industrial demonstration and will highlight opportunities for research careers at the DLR, Technische Universität Dresden, University of Stuttgart, Cottbus University and University of Applied Sciences Zittau/Görlitz at the PhD level and upstream-PhD on various qualification levels.

Invited speakers

Dr. Adrienne Little (Malta Inc. Boston): Carnot Batteries and the decarbonization of the global energy system

Prof. Dr. Kerstin Eckert (Technische Universität Dresden): Alkaline water electrolysis - from the global viewpoint to local phenomena

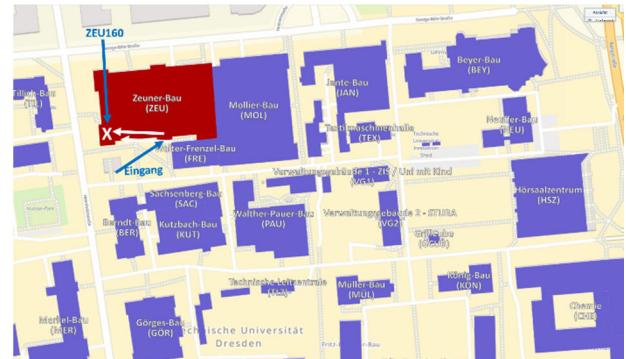
Dr. Marina Braun-Unkhoff (DLR-Institute of Combustion Technology): Alternative Fuels

Nathalie Monnerie (DLR-Institute of Solar Research): Hydrogen production via solar high temperature electrolysis

The workshop program will be sent out on March 1, 2020.

Venue

Technische Universität Dresden, Zeunerbau, Hörsaal (lecture hall) 160 (ZEU 160). <https://navigator.tu-dresden.de/karten/dresden/geb/zeu>



Organizers

Prof. Dr. André Thess, DLR-Institute of Engineering Thermodynamics and University of Stuttgart, andre.thess@dlr.de

Prof. Dr. Uwe Riedel, DLR-Institute of Low-Carbon Industrial Processes and University of Stuttgart, uwe.riedel@dlr.de

Prof. Dr. Kerstin Eckert, Technische Universität Dresden, Institute of Process Engineering and Environmental Technology, kerstin.eckert@tu-dresden.de

Application

If you wish to participate in the workshop, please contact womeninenergy2020@dlr.de. If you wish to combine your attendance with a short oral presentation (10 Minutes presentation and 5 Minutes discussion), please send a title and a one-page abstract.

Conference fee

The workshop is free of charge. Coffee, lunch and dinner will be provided.

Accommodation

Please book your accommodation at Ibis Hotel Dresden Prager Str. 5, 01069 Dresden, Tel: [+49-351-48564856](tel:+49-351-48564856) mentioning "Women in energy 2020" where a number of rooms has been reserved for the event until March 9. Single room 63€ /night - double room 83€/night https://all.accor.com/hotel/1578/index.de.shtml?utm_campaign=seo+maps&utm_medium=seo+maps&utm_source=google+Maps

