

9th Energy Colloquium of the Munich School of Engineering

Shaping a Sustainable Energy Future

01 August 2019 – 8.30 am to 9.00 pm
TUM – Quantum – Garching Hochbrück

Call for Contributions

In the last decade, the renewable energy generation capacity has more than doubled. This trend is expected to continue also in the future, due to competitive costs in a global perspective. At the same time, more stringent emission thresholds from 2021 for power plants in EU will either lead to the shut-down or the retrofitting of one third of Europe's coal-based electricity generation capacity. This increase in fluctuating electricity sources on the one hand and the reduction of base-load capable capacity on the other hand will lead to significant challenges for a secure and cost-competitive electricity supply. Some of them can be found in distributed energy systems, large-scale energy storage as well as energy supply concepts for buildings. Innovations are necessary on both, fundamental basics and applied research in living labs to bring research approaches into real demonstration. Beyond renewable energy technologies, also flexible fossil generation capacity will play a major role in the transition to a renewable and sustainable energy future.

The annual colloquium of the Munich School of Engineering, a cross-faculty institution, highlights the diversity of research activities on energy related topics, done by Bavarian universities. The goal is to connect disciplines, faculties and universities and nurture knowledge and research, as well as to provide a platform for discussion and exchange. The challenging task energy transition plays a key role in German energy research and has huge impacts on the future. Therefore the **9th Energy Colloquium of the Munich School of Engineering** focuses on shaping a sustainable energy future.

The call for contributions to the 9th colloquium of the Munich School of Engineering is now open: doctoral students and young researchers from all energy related research fields are invited to provide an insight into their research concepts, approaches, methodologies and results.

It is possible to contribute an oral or a poster presentation. The best three contributions in each category will be rewarded. Furthermore, plenty of opportunities will be available for further discussions and networking.

More details can be found on www.mse.tum.de.

Location:	TUM – Quantum, Garching Hochbrück
Schedule:	01 August 2019 – 8.30 am to 9.00 pm Oral and poster presentations including lunch and dinner
Registration:	www.mse.tum.de
Queries:	colloquium@mse.tum.de

Abstract Deadline:	18 March 2019
Notification Date:	26 April 2019
Publication of Programme:	10 May 2019
Poster Deadline:	08 July 2019