A Bio of Dr. Klemens Katterbauer

- Klemens Katterbauer is an experienced petroleum engineer and software developer focusing on the development of the latest 4IR technologies for reservoir engineering applications. He completed his PhD at King Abdullah University of Science and Technology and a master in Petroleum Engineering from Heriot Watt University.

- He has a proven track record having developed enhanced uncertainty frameworks for enhancing oil recovery and strengthening sustainability of existing oil and gas reservoirs. A strong focus was laid on solar and wind energy and provide dedicated solutions for optimizing grid transfer rates, reduce downtimes and enhance efficiency in the power transmission.

- He has developed in recent years major technologies, such as enhanced artificial intelligence technologies for tracking waterfronts in subsurface reservoirs, and forecasting their movements. Furthermore, he has developed robotics systems for enabling real-time logging while drilling as well as subsurface sensing and logging operations.