

## Visit of the Delegation of Moscow State Power Engineering Institute

On 24<sup>th</sup> and 25<sup>th</sup> of January, three representatives of Moscow Power Engineering Institute, Vice-Rector for Research, Prof. Viktor Dragunov, his deputy Prof. Alexander Volkov and Head of Energy Management Department, Dr. Alexander Krolin, visited KIT in order to get a general overview of research projects and cooperation possibilities in the field of environmentally friendly energy engineering.

After the welcome address by Head of International Affairs Department, Dr. Annika Hampel, the guests visited Campus North of KIT. The scientific spokesperson of the Energy Center, Prof. Dr. Thomas Schulenberg, provided the delegation members with a wide range of information about the expertise of KIT in the field of environmental and energy engineering and the use of renewable resources. During the subsequent tour of pilot plants bioliq (biomass to liquid) and MoNiKa (use of geothermal energy), the Russian professors had an opportunity to get acquainted with practically oriented research projects in this field.

The second day of the visit began with an introduction of KIT projects in the energy system analysis. Prof. Dr. Wolf Fichtner, Head of Chair of Energy Economics and his colleague Dr. Armin Ardone told the guests from Moscow about the newest techno-economic challenges, which are faced by Germany in the course of the energy system transformation.



The professors of MPEI were particularly delighted to meet the alumna of MPEI, Prof. Jivka Ovtcharova, who is today heading the Institute of Information Management in Engineering. During a virtual tour in the Lifecycle Engineering Solutions Center (LESC), the Russian guests could gather exciting experiences of how energy efficient solution are developed on the basis of a mixed reality platform.

At the end of the visit, the delegation members visited the labs of materialography and mechanical material testing of the Institute of Applied Materials.

The two-day visit program provided the MPEI representatives with various insights into the technologies of efficient energy and resources use. Both sides used the meetings to exchange opinions, discuss the introduced concepts and generate ideas for possible joint projects in the future.