

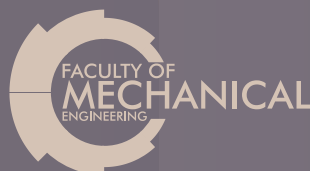


International Conference
Energy, Environment
and Material Systems

13–15th September 2017
Polanica-Zdrój



OPOLE UNIVERSITY
OF TECHNOLOGY



Centre of Education, Competences, Innovation and Technology



International Conference
Energy, Environment
and Material Systems
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The growing demand for goods and services is inevitably linked to production of energy and materials. In order to follow sustainable development principles, currently applied manufacturing processes must be innovative and based on scientific principles.

The International Conference on Energy, Environment and Material Systems EEMS 2017 was organized to provide a forum for researchers and practitioners from around the World who are aware that industry and production processes are changing energy technologies and material systems will be rapidly and creatively evolving in the future.

EEMS 2017 Conference was held on 13-15 September 2017 in Polanica Zdrój, Poland, and organized by the Faculty of Mechanical Engineering at Opole University of Technology and Centre of Education, Competence, Innovations and Technology (CEKiT). The conference captured various practical approaches towards the progress in energy, environment and production technologies contributing to the increase of competitiveness of industry with regard to the sustainable development, preservation of the environment and natural resources. The conference aimed at creating synergies between 'practice and research' increasing the potential and commercial viability of research and development in the field of advanced technologies, materials in energy and environment industries. The conference was attended by delegates from different countries - Croatia, France, Germany, Ukraine, Spain, Turkey and Poland. Participants submitted above 130 abstracts and more than 100 papers were presented in oral and poster sections.

Together with the attendees and reviewers we were able create a very successful symposium. We express our appreciation to all contributors for the papers published in the conference proceedings and the reviewers for their efforts and hard work to ensure the high scientific quality of the conference. We do believe that the conference allowed for a valuable exchange of views between participants.

Proceedings Editors