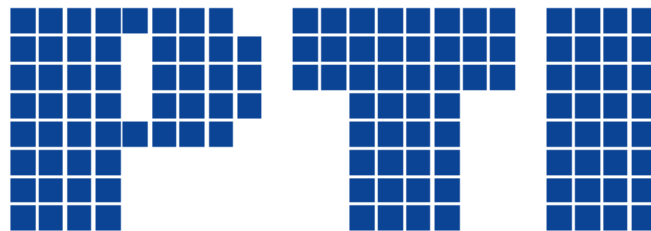


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## **ABOUT THE CONFERENCE**

III International Conference of Computational Methods in Engineering Science CMES takes place in 22-24 November 2018 at the Dom Dziennikarza Hotel (Kazimierz Dolny, Poland).

The main objective of CMES'18 conference is development of engineering sciences, numerical and experimental techniques, broaden experience and good practices by representatives of the scientific community and industry. Conference allows exchange of knowledge between different research domestic and foreign centres representing various fields of engineering science and technology.

The organizers of the conference are:

- Department of Materials Engineering (Mechanical Engineering Faculty, Lublin University of Technology)
- Department of Machine Engineering Fundamentals and Mechatronics (Mechanical Engineering Faculty, Lublin University of Technology)
- Department of Thermodynamics, Fluid Mechanics and Aircraft Propulsion (Mechanical Engineering Faculty, Lublin University of Technology)
- Department of Organisation of Enterprise (Faculty of Management, Lublin University of Technology)
- Institute of Computer Science (Faculty of Electrical Engineering and Computer Science, Lublin University of Technology)
- Institute of Renewable Energy Engineering (Faculty of Environmental Engineering, Lublin University of Technology)
- Self-Government of Doctoral Students (Lublin University of Technology)
- Polish Association for Knowledge Promotion

## **TOPICS**

- Analysis of engineering processes
- Application of computer programs in technology
- Artificial intelligence
- CAD/CAM
- Computational intelligence
- Computational fluid dynamics (CFD)
- Computational methods in electrical engineering
- Computer image processing
- Computer methods in applied physics
- Computer simulations of processes and phenomena
- Evaluation of technological processes
- Exploitation and machine building
- FEM, BEM
- Material properties and structure research methods
- Probability, statistics and quality control
- Production engineering
- and related topics