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## Organizers

- Sumy State University
- National Technical University “Kharkiv Polytechnic Institute”
- International Association for Technological Development and Innovations

## Partners

- Technical University of Kosice, Slovak Republic
- Kielce University of Technology, Poland
- University of West Bohemia, Czech Republic
- Poznan University of Technology, Poland
- Association for Promoting Innovative Technologies - InnovativeFET, Croatia
- Industry in Focus, Ukraine

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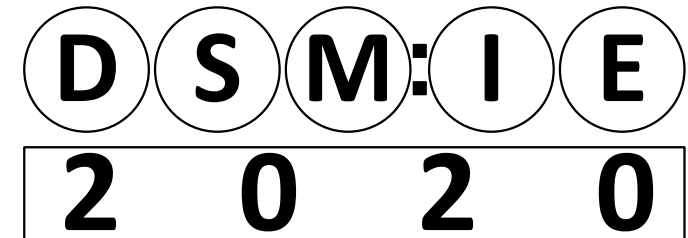
## Conference Scope

*Where science, industry, and education meet*

DSMIE-2020 focuses on research challenges in the fields of

- **Manufacturing Engineering,**
- **Materials Engineering,**
- **Mechanical Engineering,** and
- **Chemical Engineering,**

addressing current and future trends in design approaches, simulation techniques, computer-aided systems, software development, ICT tools and Industry 4.0 strategy implementation for engineering tasks



## 3<sup>rd</sup> International Conference on Design, Simulation, Manufacturing: The Innovation Exchange

June 9-12, 2020 | Kharkiv, Ukraine

## Contacts

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DSMIE-2020

<http://dsmie.sumdu.edu.ua>

Organized by  
Sumy State University,  
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International Association for Technological Development and Innovations



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**Advances in Design, Simulation and Manufacturing (DSMIE-2018)**  
DOI: 10.1007/978-3-319-93587-4



**Advances in Design, Simulation and Manufacturing II (DSMIE-2019)**  
DOI: 10.1007/978-3-030-22365-6

Indexed by Scopus, submitted to WoS CPCI.

## Agenda

- June 9 | Registration
- June 10 | Keynote Sessions & Round Table
- June 11 | Technical Sessions & Industry Tour
- June 12 | Technical Sessions & Awards

## Conference Topics

### Manufacturing Engineering

- CAx Technologies for Product Design and Advanced Manufacturing Processes
- Intelligent Manufacturing Systems, Automation, and Robotics
- Smart Manufacturing and Industry 4.0 Strategy
- Information Management Systems
- ICT for Engineering Education

### Materials Engineering

- Methods and Technologies for Additive Manufacturing
- Advanced Materials
- Theoretical Fundamentals and Mathematical Modeling
- Numerical Simulation and Optimization Techniques
- Resource-Saving and Energy Efficient Technologies

### Mechanical Engineering

- Mechanics of Solids and Structures
- Dynamics, Acoustics, and Vibrations
- Elasticity and Strength of Materials
- Hydro- and Aeromechanics
- Numerical Simulation of Coupled Problems

### Chemical Engineering

- Chemical Process Technology and Plant Design
- Thermodynamics, Heat and Mass Transfer
- Energy Efficient Technologies, Conversion, and Utilization
- Alternative and Renewable Energy Sources
- Industrial Ecology and Sustainable Engineering



The working language of DSMIE-2020 (including conference proceedings, presentations and discussions) is English.



Accepted papers must be presented at the conference by one of the authors, who commit to register and attend the conference.



The Steering Committee reserves the right not to publish papers not presented at the conference.

DSMIE-2020 Conference Proceedings will be submitted to the database Scopus and other indexing services. Paper submission is supported by EasyChair Conference Management System. The submission page is <https://easychair.org/conferences/?conf=dsmie2020>



## Important Dates

- October 15, 2019 | Paper submission
- December 1, 2019 | Acceptance notification
- December 15, 2019 | Camera-ready version
- February 1, 2020 | Registration/Fee payment
- June 9-12, 2020 | Conference dates

promo video



DSMIE Conference Series

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The Innovation Exchange**