



18 - 19 November 2021 ● ● ● Cluj-Napoca / Online

### Conference aim

Organized by the [Technical University of Cluj-Napoca, Romania](#), [Department of Design Engineering and Robotics](#) and the [Romanian Association for Non-conventional Technologies](#), the joint conference aims to showcase the most recent developments in the areas of quality and innovation engineering and management and production engineering in order to stimulate the exchange of valuable opinions and contributions by academia and industry. This year, the QIEM conference celebrates 10 years from its first edition, while ICNcT will be organized for the 21<sup>st</sup> time.

### Theme & topics

The proposed theme for the current challenging year is:

#### **Quality and Innovation & Non-conventional Technologies in the post-pandemic world**

The submitted papers are encouraged to address particularly, the following topics:

- Digitalization of products, processes, and organizations;
- The role of smart systems in remote operations;
- Servitization and extended product business models;
- Data analytics for intelligent decision-making in uncertainty conditions;
- Product and production quality during and after the health crisis;
- Innovations for tackling pandemic related challenges;
- IoT as a basis for the connected world: benefits and risks;
- Quality and innovation for Industry 4.0;
- Micro and nanotechnologies and materials for emergency situations;
- Nonconventional and additive approaches for quick response manufacturing;
- Basic physical phenomena and processes of the nonconventional procedures;
- Experimental research for nonconventional processing technologies;
- Nonconventional technologies management and other nonconventional processes;
- Nonconventional forms of energy and low carbon systems;
- Education and entrepreneurship for a more resilient society.

### Publishing opportunities

Papers will be peer-reviewed and the proceedings will be published in electronic format. An author must be registered for presentation. One author can have a maximum of two papers included.

Accepted papers will be published in special issues of the journals **ACTA TECHNICA NAPOCENSIS - Series: APPLIED MATHEMATICS, MECHANICS, AND ENGINEERING** (<https://atna-mam.utcluj.ro/index.php/Acta>) - indexed in ISI-ESCI and the **REVIEW OF NON-CONVENTIONAL TECHNOLOGIES** (<http://revtn.ro/index.php/revtn/about>) - under evaluation to be indexed in ISI-ESCI.

### Important dates

Submission of full papers	September 30 <sup>th</sup> , 2021
Acceptance/review notification of papers	October 30 <sup>st</sup> , 2021
Submission of camera-ready version	November 10 <sup>th</sup> , 2021

### Conference fees

Conference participants	100 €
PhD student and industry attendants	50 €

**Website: [giem-nct.utcluj.ro](http://giem-nct.utcluj.ro)**