

ICE/IEEE ITMC Conference 2021 Wales
National Museum Cardiff
UK



The 27th ICE/IEEE ITMC International Technology Management Conference will take place from June 21st to 23rd 2021, in Cardiff, Wales. This event is locally organized by Cardiff University. The ICE Conference is one of the premier conferences associated with the [IEEE Technology and Engineering Management Society](#) (IEEE TEMS). The 27th ICE/IEEE ITMC is the place where research, science and industry innovators are invited to contribute original ideas, papers, Special sessions, workshops and open initiatives.

For ICE 2021, we would like to kindly invite our growing community of researchers, innovators, industrialists, engineers and practitioners to share their insights, practices, projects and case studies that address the conference theme:

Innovation, Technology, and Engineering Management for our Societal, Environmental, and Economic Resilience

We are looking forward to your participation!

Professor Yacine Rezgui
ICE2021 General Chair

Call for Papers

The 27th ICE/IEEE ITMC 2021 invites high-quality papers to be presented at this premier international event. Submissions should contribute to a substantial, original and previously unpublished research related to the topics of the conference. This includes theoretical research papers that provide new concepts. The paper submission ends on the 1st February. Find the detailed Call for Paper on the conference website.



The Conference Venue

ICE/IEEE Conference will be hosted in the National Museum Cardiff, based on the edge of the green idyll of Bute Park at the heart of the City centre. It houses the premier collection of art and historical artefacts in Wales. Cardiff Museum is conveniently located a short walk from Cardiff central station and less than 20km from Cardiff Airport



NITIM

The NITIM graduate school is an international PhD school that focuses on topics in the areas of entrepreneurship, innovation and technology management as well as information and communication technologies. The NITIM summer school is organized once a year in cooperation with the ICE/IEEE ITMC conference and thus will take place in Cardiff University.



Important Dates:

Full paper submission.....1st February 2021

Poster submission.....1st February 2021

• Full paper and poster notification of acceptance.....30th March 2021

(Reviews are performed as soon as papers are handed in, early submissions are strongly encouraged) • Print-ready

[IEEE-PDF express-compliant-final](#) papers, copy-right form.....30th April 2021

If you have any constraints regarding any of the deadlines, please contact promptly the conference general chairs:
ice-conference@conftool.pro

Local Organizers



Technical Sponsors



Supporting Institutions



Please use the **paper template** and **author's kit** all provided on the conference webpage on <http://www.ice-conference.org>

Topics of the Call-for-Papers

Technology

- Blockchain - Technology & Business Impact and Tokenization in Industry
- Artificial Intelligence, Big Data and Deep Learning
- Big Data: Challenges of master data management in the age of digitization
- Robotics & Autonomous Systems
- Immersive Technologies: VR, AR, MR
- Advanced Manufacturing & Factories of the Future: New Materials, Processes and Business Models •
- Internet of Things (IoT) & Cyber Physical Systems (CPS)
- Additive Manufacturing & 3D Printing
- Commercializing Technology
- Digitalized Manufacturing Systems driving new Business Models and Ecosystems
- Future Trends in Microsystems Technology
- Energy Distribution / Infrastructure and Smart Grids
- Digital Twin enabled Services and Software Platforms
- Digital Twin Education and Training

Engineering

- Industrial Internet & Industry 4.0 – Methods, Standards & Reference Architectures •
- ICT for Health Care: Technology & care settings in an aging society
- Future Smart Mobility: changes in market parameters (technology, players, customer behavior) •
- Smart buildings, Smart-Cities and Development of Positive Energy Blocks
- Forms of Self-Organization as Prerequisite for Innovativeness
- Servitization: Service Engineering & Service Thinking
- Educating Tomorrow's Project-, Engineering- & Innovation Managers
- Sustainable Engineering
- Smart Services and Software Platforms
- Agile Methods for Hard-, Software, and Management
- Advanced Organization Technologies
- Rethinking Project Management
- Women & STEM (Science, Technology, Engineering, Mathematics)
- SCM 4.0 - Supply and Demand Chain Management in the Digital Age
- Future Cities / Sustainable Urban Development
- Energy Supply and Energy Utilities
- Transportation (including Future and Smart Mobility)
- Digital Construction
- Revisiting Project Management for Digital Twin engineering projects

Innovation & Entrepreneurship

- Living-Labs & Open-Innovation: Innovation in the Fuzzy Front-End Process, User Driven Innovation, eXperience Design, User eXperience & Design Thinking
- Technology & Trend Foresight Management
- Design-enabled Innovation in Cities
- Digital Simulation of Business Models
- Responsible Research & Innovation – Socio-Technical Integration Research
- Technology Transfer: Academic Entrepreneurship, Star Scientists and Innovation Systems •
- Research and Innovation in Creative Industries
- Sustainability in Innovation & Entrepreneurship
- Tech- & Digital Entrepreneurship
- Intrapreneurship & Corporate Venturing
- Digital Social Networks: Driving Innovation, improving Working Conditions and Agility in Organizations •
- Entrepreneurial Finance
- Development of new business models incorporating digital twins

- Digital Innovation Management