



Following an era of fast-paced evolution of digital technologies, digital disruption and digital transformation, Society 5.0 refers to "A *human-centered society that balances economic advancement with the resolution of social problems by a system that highly integrates cyberspace and physical space.*" As the cyber-physical space consists of interconnected systems and devices, collecting and sending data, the role of people in these systems are often passive. This may result in the exclusion of the human all-together when considering applications and interactions in the cyber-physical space.

The 3rd edition of the Society 5.0 conference therefore focuses on all aspects of interconnectedness and interaction – where physical systems and enabling cyber technologies are applied to achieve a certain goal. The role of – and impact on – the human in this potentially complex interaction must be investigated and considered through the application of different lenses and interdisciplinary fields. The aim of this enquiry is to design and develop technological products that not only meet human needs, but that also considers the human experience when engaging in the cyber-physical space. The Society 5.0 conference «*Human centeredness in a cyber-physical society*» is going to deal with a large range of opportunities and challenges of the society and business of the future. We encourage contributions from experienced and young researchers and practitioners from industry, and look forward to meeting old and new friends in June 2023.

In the spirit of Society 5.0, a human-centered society, we would like to ensure that as many people as possible are able to take part in the conference in 2023. You will be able to experience:

- The [research track](#) covering topic areas across all research fields
- The [practice track](#) where you can present, or learn about, practical experience and case studies

All research submissions will go through a double-blind review process conducted by an international review panel. Your submission will be assessed anonymously by at least two reviewers and managed by the track chairs and program committee. Practice track submissions will be handled by the conference chairs.

The accepted full research papers will be included in a volume of EPiC Computing as the Society 5.0 proceedings – see <https://easychair.org/publications/EPiC/Computing>. The Society 5.0 2022 proceedings are available at https://easychair.org/publications/volume/Society_5.0-2022.

We look forward to receiving your full papers documenting original research aligned with the Society 5.0 themes in the research track, or practice submissions for the practice track. Submissions should not exceed 12 pages and should adhere to the EPiC format. Instructions for authors are available at https://easychair.org/publications/for_authors.

Research track

The research track covering themes across all Society 5.0 research fields

Society 5.0

- Society 5.0 research agenda
- Society 5.0 challenges and opportunities
- Human-centred society
- Drivers and enablers for transformation
- Human skills in Society 5.0
- New Leadership

Business Information Systems

- Cyber-Physical Systems
- Internet of Things
- Digital Twins
- Digitalization of Business Processes
- Conceptual Modelling

Business & Entrepreneurship

- Business integration strategy
- Digitalization of Products
- Emerging markets
- Human capital
- Business agility
- Digital transformation
- Circular economy

Diversity

- Gendering of skills
- Stereotypes (age, gender, (dis)abilities)
- Accessibility of technologies across borders (countries, societal levels, disciplines)
- Inequality in software development
- Democratization in technological development

Education

- Collaborative Online International Learning
- Creative teaching
- Cross-cultural teaching and learning
- Institutional structures for education
- New learning methods

Fintech

- Future banking
- Sustainable finance
- Digital financial management
- Cryptocurrency

Healthcare and Care Systems

- AI for drug development
- Personalized medicine
- Electronic patient records
- Care robots, therapy robots

Human-System Interaction Scenarios

- Collaboration between human and AI
- Automating knowledge work
- Conversational AI
- Resilient socio-technical systems
- Social robots
- Human-interpretable and machine-interpretable modelling

Information Security

- Cyber security and resilience
- Data privacy
- Risk management
- Business continuity management
- Whistleblowing

Innovation in the Digital Age

- Open innovation
- Big Data analysis
- Innovation development
- Online collaboration for design and innovation
- Knowledge visualization

International Collaboration

- Cultural differences in business
- Cross-cultural communication
- Collaboration across borders, cultures, and languages
- Digital Supply Chain

Mobility

- Autonomous driving
- Mobility as a Service
- Smart City

Practice track

The Practice Track of the Society 5.0 conference provides an opportunity to share a practical experience through a paper and an accompanying talk. Submissions can be Practice Reports or Case Descriptions. A Practice Report is a reflection of industry experiences including challenges seen, approaches taken – and what worked or didn't. Cases describe problems or challenges of organizations (private or public), relate them to the wider domain of Society 5.0, and provide useful insights to practitioners and scholars. Submissions to the Practice Track will be peer-reviewed.

Important Dates:

- Deadline for paper submissions - 27 February 2023
 - *Please note that Society 5.0 is not a abstract conference and we require a full submission for the review process.*
- Notification of paper acceptances: 24 April 2023
- Camera-ready paper submissions: 1 May 2023
- Society 5.0 2023 Conference: 5th to 7th June 2023

For more information, please visit the Society 5.0 website at <https://www.conference-society5.org/home>