SpliTech

12TH INTERNATIONAL CONFERENCE ON
SMART & SUSTAINABLE TECHNOLOGIES

SPLIT - BOL, CROATIA / JUNE 14-17, 2027

Special Session

HUMANIZED COMPUTING: HUMAN-AI COLLABORATION AND CO-GOVERNANCE FOR SUSTAINABILITY

ORGANIZERS:



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CALL FOR PAPERS

Human intelligence and emerging technologies, such as AI, agentic IoT, and Digital Twins, bring complementary strengths to address complex societal and environmental challenges. While AI excels at processing large amounts of data, identifying patterns, and generating recommendations, humans contribute contextual knowledge, critical thinking, values, and collective judgement. Humanized Computing brings these capabilities together through Human-AI Collaboration, Citizen Science, and Reciprocal Learning, enabling people and intelligent systems to learn from each other and make better decisions. Moving beyond human-in-the-loop approaches, this vision explores how citizens, communities, and AI systems can share decision-making responsibilities, negotiate autonomy levels, and co-govern sustainability transitions.

At SpliTech 2027, the Special Session Humanized Computing: Human-AI Collaboration and Co-Governance for Sustainability will explore how these synergies can support more inclusive, transparent, accountable, and sustainable decisions.

Key themes include:

- Combining Citizen Science, Collective Intelligence, and emerging technologies to support participatory decision-making.
- Exploring Reciprocal Learning, Human-AI collaboration, and adaptive levels of autonomy and AI delegation.
- Designing community-in-the-loop governance approaches that ensure human agency, transparency, and accountability.
- Co-creating solutions for sustainability challenges, including climate action, air quality, sustainable mobility, and resilient communities.

SPECIAL SESSION COMMITTEE

- Milena Vuckovic, VRVis Zentrum für Virtual Reality und Visualisierung Forschungs-GmbH, Austria
- Kamran Soomro, UWE, UK
- Francisco Sanz, Ibercivis Foundation, Spain
- Marina Stamatiadou, Aristotle University of Thessaloniki, Greece
- Nicole Morresi, Università Politecnica delle Marche, Italy
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- Eduardo Illueca, Karolinska Institutet, Sweden
- Mahdi Azarpeyvand, University of Bristol, UK
- Simon Niedenthal, University of Malmö, Sweden
- David J. Cuartielles, Mälmo University, Sweden
- Romina Spalazzese, Mälmo University, Sweden
- Oihane Gómez Carmona, Deusto University, Spain

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NOTIFICATION OF ACCEPTANCE APRIL 16, 2027

CAMERA READY PAPER MAY 1, 2027

SUBMIT PAPER HERE

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