IMCL Special Session Proposal

Title
Artificial Intelligence and the Future of Higher Education Ecosystems

Acronym
AI4HE

Overview
This Special Session explores the transformative role of Artificial Intelligence in shaping the future of higher education ecosystems, with particular emphasis on European university alliances as emerging transnational education actors, with interoperable digital infrastructures, flexible learning pathways, and cross-institutional collaboration.

As higher education institutions increasingly integrate AI-driven services, learning analytics, intelligent tutoring systems, digital credentials, and data-driven governance models, universities are evolving towards interconnected and intelligent educational ecosystems. In this context, Artificial Intelligence is not only influencing teaching and learning processes, but also redefining institutional cooperation, mobility, learner support, curriculum design, quality assurance, and lifelong learning cross-institutional services.

The session aims to bring together researchers, educators, policy makers, alliance coordinators, and educational technology experts to discuss how AI technologies can support innovation, interoperability, inclusion, sustainability, and strategic transformation in higher education.

Particular attention will be given to the role of AI in university alliances, virtual campuses, learner mobility, micro-credentials, intelligent student services, multilingual educational environments, trusted digital infrastructures, and AI governance frameworks.

The session also welcomes contributions presenting practical implementations, institutional strategies, policy perspectives, pilot initiatives, and research studies related to AI-supported educational ecosystems and the future evolution of higher education.

The Special Session aims to foster interdisciplinary dialogue between technological, pedagogical, organizational, and policy perspectives, while highlighting the opportunities and challenges emerging from the integration of AI within higher education ecosystems.

Topics
- Artificial Intelligence in Higher Education
- AI and University Alliances
- Intelligent Educational Ecosystems
- AI-supported Virtual Campuses
- AI-enabled Learner Mobility
- AI and Micro-credentials

- Digital Credentials and Trust Infrastructures
- Learning Analytics and Educational Data Mining
- AI-driven Student Support Services
- Intelligent Tutoring and Adaptive Learning Systems
- AI Governance in Higher Education
- Ethical and Responsible AI in Education
- AI and Lifelong Learning
- Interoperability and AI-driven Educational Services
- AI for Cross-institutional Collaboration
- AI-supported Quality Assurance
- Multilingual and Inclusive AI Systems
- Human-AI Collaboration in Learning
- AI and Flexible Learning Pathways
- AI-enabled Decision Support in Universities
- Data Privacy and Trust in AI Systems
- Future Higher Education Ecosystems
- Skills and competencies ontologies and AI analysis

Program Committee

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