



## CALL FOR PAPERS FOR SPECIAL SESSION PROPOSAL

### SPECIAL SESSION 4

### Didactic and pedagogical innovation in the age of intelligent systems: training, learning and professional development in augmented environments

#### Session description :

In a context shaped by the rapid rise of artificial intelligence, digital platforms, immersive environments, simulation, and intelligent systems, questions of didactics, pedagogy, adult education, and trainer development have become strategic. Integrating technology into education is not only a matter of modernizing tools, but of transforming learning situations, support practices, assessment methods, and skills development.

This special session examines didactic and pedagogical innovations linked to current technological change, with a focus on the theoretical, methodological, and practical conditions required to design relevant, inclusive, and sustainable training. It aims to create dialogue among researchers, teachers, trainers, instructional designers, and practitioners about new forms of learning supported by intelligent technologies in higher education, vocational training, adult education, and trainer education.

The session welcomes theoretical, empirical, and practice-based contributions on the design, analysis, experimentation, and evaluation of innovative approaches responding to new challenges in knowledge transmission, learner support, professionalization, and the transformation of training practices.

This special session seeks to foster reflection on emerging trends, scientific challenges, practice-based feedback, and research perspectives concerning the didactic and pedagogical transformations associated with intelligent technologies.

#### Session chairs :

- **Radhia NEFZI HOUIMLI**, Jendouba Univ., TN
- **Jihane FOUZAI**, CY Cergy Paris Univ., FR
- **Patrick GIBEL**, Bordeaux Univ., FR
- **Olivier GRUGIER**, Paris cités Univ., FR

#### Topics of interest (not limited to) :

- Generative AI and instructional design
- Gamification
- Simulation, VR/AR, and experiential learning
- Learning analytics and formative assessment
- Adult education in blended learning environments
- Professional development and skills enhancement for trainers
- Ethics, inclusion, and the sustainability of digital technologies
- Pedagogy in health and engineering professions
- The design of high-impact techno-pedagogical tools

#### Important Dates



#### Sponsors



Contact : [sime.conf@gmail.com](mailto:sime.conf@gmail.com)

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