



INVITED SESSION SUMMARY

Title of Session:

Artificial Intelligence dedicated to Innovation

Name, Title and Affiliation of Chair:

Prof. Davy Monticolo, Innovative Research Laboratory, Université de Lorraine, France

Details of Session (including aim and scope):

AI is reshaping our economies and societies, offering new perspectives to design and develop new products and services. AI approaches will help us to manage in a better way our data and then to optimize our business processes, to consider new gains, to reduce our costs or to improve our quality of life. AI allows to understand human constraints and to optimize their data. AI helps generate innovations. The aim of this session is to discuss the benefits of AI approaches to support innovation.

We propose a list of topics (but not limited to):

1. Development and implementation of digital innovation models
2. Machine learning for Innovation
3. Autonomous agents and multi-agent systems,
4. Digital innovation analytics methods and tools
5. Creating value in digital innovation
6. Digital innovation and social media marketing
7. Computer environments for human learning
8. Intelligent Information System
9. Decision making system
10. Recommender system
11. Operations research, constraint programming, scheduling
12. Knowledge representation, knowledge extraction and management
13. Rule-based systems, decision support
14. Automatic language processing, terminology, controlled natural language, explanation
15. Web intelligence, future internet
16. Digital transformation practices

Main Contributing Researchers / Research Centres (tentative, if known at this stage):

University of Lorraine, Innovative Research Laboratory

Website URL of Call for Papers (if any):

<https://erpi.univ-lorraine.fr/>

Email & Contact Details:

davy.monticolo@univ-lorraine.fr