

# INTELLI 2023

## Forward

The Twelfth International Conference on Intelligent Systems and Applications (INTELLI 2023), held between March 13<sup>th</sup> and March 17<sup>th</sup>, 2023, continued a series of events on advances towards fundamental, as well as practical and experimental aspects of intelligent systems and applications.

The information surrounding us is not only overwhelming, but also subject to limitations of systems and applications, including specialized devices. The diversity of systems and the spectrum of situations make it almost impossible for an end-user to handle the complexity of the challenges. Embedding intelligence in systems and applications seems to be a reasonable way to move some complex tasks from user duty. However, this approach requires fundamental changes in designing the systems and applications, in designing their interfaces and requires using specific cognitive and collaborative mechanisms. Intelligence become a key paradigm and its specific use takes various forms according to the technology or the domain a system or an application belongs to.

We take here the opportunity to warmly thank all the members of the INTELLI 2023 technical program committee, as well as all the reviewers. The creation of such a high-quality conference program would not have been possible without their involvement. We also kindly thank all the authors who dedicated much of their time and effort to contribute to INTELLI 2023. We truly believe that, thanks to all these efforts, the final conference program consisted of top-quality contributions. We also thank the members of the INTELLI 2023 organizing committee for their help in handling the logistics of this event.

We hope that INTELLI 2023 was a successful international forum for the exchange of ideas and results between academia and industry and for the promotion of progress in the field of intelligent systems and applications.

### **INTELLI 2023 Chairs**

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