AISyS 2024

Forward

The First International Conference on AI-based Systems and Services (AISyS 2024), held on September 29 – October 3, 2024 in Venice, Italy, initiated a series of events covering a broad spectrum of AI centered topics.

AI-based solutions for monitoring, control, decision making are expected to increase the capability of systems providing mechanism for predictions, optimization, risk minimization by interpreting situations and large volumes of data.

A variety of domains (Ambiental, Tactile, Language Processing, Tracking, Healthcare, Ecology, etc.) expanded in the last years based on practical advances provided by Artificial Intelligence (AI). Machine learning AI-based discovery and learning allow deep-learning (and unlearn obsolete knowledge), accurate forecasts, fault prevention and detection, as well as prediction of special diseases. Practical AI-based services in Internet of Things (IoT), Transportation systems, Cyber-systems, Citizen-centric systems, and others reached new levels of usability and quality.

The conference had the following tracks:

- Core AI-features
- AI-based systems
- AI-based societal services

This event was very competitive in its selection process and very well perceived by the international AI community. As such, it is attracting excellent contributions and active participation from all over the world. We were very pleased to receive a large amount of top quality contributions.

We take here the opportunity to warmly thank all the members of the AISyS 2024 technical program committee as well as the numerous reviewers. The creation of such a broad and high quality conference program would not have been possible without their involvement. We also kindly thank all the authors that dedicated much of their time and efforts to contribute to the AISyS 2024. We truly believe that thanks to all these efforts, the final conference program consists of top quality contributions.

This event could also not have been a reality without the support of many individuals, organizations and sponsors. We also gratefully thank the members of the AISyS 2024 organizing committee for their help in handling the logistics and for their work that is making this professional meeting a success.

We hope the AISyS 2024 was a successful international forum for the exchange of ideas and results between academia and industry and to promote further progress in AI-based systems and services research. We also hope that Venice provided a pleasant environment during the conference and everyone saved some time for exploring this beautiful city

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