INTELLI 2015

Forward

The Fourth International Conference on Intelligent Systems and Applications (INTELLI 2015), held between October 11 - 16, 2015 - St. Julians, Malta, 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 is 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 the use of specific cognitive and collaborative mechanisms. Intelligence becomes a key paradigm and its specific use takes various forms according to the technology or the domain a system or an application belongs to.

The conference had the following tracks:

- Intelligent human-computer interaction systems
- Intelligent applications and systems
- Intelligent agents
- Formal ontology and semantics
- Intelligent robotics
- Hybrid artificial intelligent systems

The conference also featured the following symposium:

 InManEnt 2015, The International Symposium on Intelligent Manufacturing Environments

Similar to the previous edition, this event attracted excellent contributions and active participation from all over the world. We were very pleased to receive top quality contributions.

We take here the opportunity to warmly thank all the members of the INTELLI 2015 technical program committee, as well as the numerous 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 that dedicated much of their time and effort to contribute to INTELLI 2015. We truly believe that, thanks to all these efforts, the final conference program consisted of top quality contributions.

Also, this event could not have been a reality without the support of many individuals, organizations and sponsors. We also gratefully thank the members of the INTELLI 2015

organizing committee for their help in handling the logistics and for their work that made this professional meeting a success.

We hope INTELLI 2015 was a successful international forum for the exchange of ideas and results between academia and industry and to promote further progress in the area of intelligent systems and applications. We also hope that St. Julians, Malta provided a pleasant environment during the conference and everyone saved some time to enjoy the beauty of the city.

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