INFOCOMP 2017

Forward

The Seventh International Conference on Advanced Communications and Computation (INFOCOMP 2017), held between June 25-29, 2017 in Venice, Italy, continued a series of events dedicated to advanced communications and computing aspects, covering academic and industrial achievements and visions.

The diversity of semantics of data, context gathering and processing led to complex mechanisms for applications requiring special communication and computation support in terms of volume of data, processing speed, context variety, etc. The new computation paradigms and communications technologies are now driven by the needs for fast processing and requirements from data-intensive applications and domain-oriented applications (medicine, geoinformatics, climatology, remote learning, education, large scale digital libraries, social networks, etc.). Mobility, ubiquity, multicast, multi-access networks, data centers, cloud computing are now forming the spectrum of de factor approaches in response to the diversity of user demands and applications. In parallel, measurements control and management (self-management) of such environments evolved to deal with new complex situations.

The conference had the following tracks:
- Biometry, security, access technologies, algorithms, and applications
- Large Scale Energy Efficient Data Center Concepts
- Advanced applications
- Networks/systems measurement, control and management
- Modeling and optimization in complex systems
- Empirical modeling
- Common Grounds for Parallel Interfaces in HPC and Data Science

The conference included the following symposium:
- **MODOPT 2017,** The International Symposium on Modeling and Optimization

We take here the opportunity to warmly thank all the members of the INFOCOMP 2017 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 that dedicated much of their time and effort to contribute to INFOCOMP 2017. We truly believe that, thanks to all these efforts, the final conference program consisted of top quality contributions.

We also gratefully thank the members of the INFOCOMP 2017 organizing committee for their help in handling the logistics and for their work that made this professional meeting a success.

We hope that INFOCOMP 2017 was a successful international forum for the exchange of ideas and results between academia and industry and to promote further progress in the areas

of advanced communication and computation. We also hope that Venice, Italy provided a pleasant environment during the conference and everyone found some time to enjoy the unique charm of the city.

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