

CENTRIC 2022

Forward

The Fifteenth International Conference on Advances in Human-oriented and Personalized Mechanisms, Technologies, and Services (CENTRIC 2022), held between October 16th and October 20th, 2022, continued a series of events on human-oriented and personalized mechanisms, technologies, and services, commonly known as I-centric. The conference provided a forum where researchers were able to present recent research results and new research problems and directions related to them. The conference sought contributions presenting novel result and future research in all aspects of user-centric mechanisms, technologies, and services.

The evolution of services and the diversity of the user profiles composed of various contents and context-based access led to the development of specific mechanisms, services, and applications with a definitive, personalized, and user-centric flavor. Mechanisms are in place for service discovery using user profiles, for adapting the traffic following the quality of experience, or allowing personalized navigation and visualization. More is needed for network control and feedback consideration as well as for personalized storage and information retrieval within a given context.

There is a cohort of technologies that favored the so called “user-centric” services and applications. While some of them reached some maturity, others are to prove their economics (WiMax, IPTV, RFID, etc.). Human-oriented and personalized technologies and services rely on a key set of features, some to be deployed, others getting more mature (personal profiles, preferences, identity, proximity, personal devices, etc.). Advanced applications covering human related activities benefit from personalized and human-oriented networks and services, especially preventive and personalized medicine, body networks and devices, or anticipative systems.

We take here the opportunity to warmly thank all the members of the CENTRIC 2022 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 CENTRIC 2022. 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 CENTRIC 2022 organizing committee for their help in handling the logistics of this event.

We hope that CENTRIC 2022 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 human-oriented and personalized mechanisms, technologies and services.

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