COLLA 2018

Forward

The Eighth International Conference on Advanced Collaborative Networks, Systems and Applications (COLLA 2018), held between June 24, 2018 and June 28, 2018 in Venice, Italy, aimed to gather an interdisciplinary spectrum of researchers around collaboration technologies.

Collaborative systems have raised to become an inherent part of our lives, supported by global infrastructures, technological advancements and growing needs for coordination and cooperation. While organizations and individuals relied on collaboration for decades, the advent of new technologies (e.g. from wikis to real-time collaboration, groupware to social computing, service-oriented architecture to distributed collaboration) for inter- and intra-organization collaboration enabled an environment for advanced collaboration.

As a consequence, new developments are expected from current networking and interacting technologies (protocols, interfaces, services, tools) to support the design and deployment of scalable collaborative environments. Current trends include innovations in distributed collaboration, collaborative robots, autonomous systems, online communities or real-time collaboration protocols.

The conference had the following tracks:

- Cooperation and collaboration mechanisms
- Machine learning applications for smart collaborative networks
- Smart and Connected Cities: Creating People-centered City Government

We take here the opportunity to warmly thank all the members of the COLLA 2018 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 their time and effort to contribute to COLLA 2018. 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 COLLA 2018 organizing committee for their help in handling the logistics and for their work that made this professional meeting a success.

We hope that COLLA 2018 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 collaborative technologies. We also hope that Venice, Italy provided a pleasant environment during the conference and everyone saved some time to enjoy the unique charm of the city.

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