PESARO 2020

Forward

The Tenth International Conference on Performance, Safety and Robustness in Complex Systems and Applications (PESARO 2019), held between February 23-27, 2020 in Lisbon, Portugal, continued a series of events dedicated to fundamentals, techniques and experiments to specify, design, and deploy systems and applications under given constraints on performance, safety and robustness.

There is a relation between organizational, design and operational complexity of organization and systems and the degree of robustness and safety under given performance metrics. More complex systems and applications might not be necessarily more profitable, but are less robust. There are trade-offs involved in designing and deploying distributed systems. Some designing technologies have a positive influence on safety and robustness, even operational performance is not optimized. Under constantly changing system infrastructure and user behaviors and needs, there is a challenge in designing complex systems and applications with a required level of performance, safety and robustness.

We welcomed academic, research and industry contributions. The conference had the following tracks:

- Methodologies, techniques and algorithms
- Applications and services

We take here the opportunity to warmly thank all the members of the PESARO 2020 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 PESARO 2020. 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 PESARO 2020 organizing committee for their help in handling the logistics and for their work that made this professional meeting a success.

We hope that PESARO 2020 was a successful international forum for the exchange of ideas and results between academia and industry and to promote further progress in the areas related to performance, safety and robustness in complex systems. We also hope that Lisbon, Portugal provided a pleasant environment during the conference and everyone saved some time to enjoy the historic charm of the city.

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