PESARO 2012

Foreword

The Second International Conference on Performance, Safety and Robustness in Complex Systems and Applications [PESARO 2012], held between April 29th and May 4th, 2012 in Chamonix / Mont Blanc, France, continued the inaugural event 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 take here the opportunity to warmly thank all the members of the PESARO 2012 Technical Program Committee. 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 efforts to contribute to PESARO 2012. 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 are grateful to the members of the PESARO 2012 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that PESARO 2012 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 performance, safety and robustness in complex systems and applications.

We are convinced that the participants found the event useful and communications very open. We also hope the attendees enjoyed their stay in the French Alps.

PESARO Advisory Committee:

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