

# Message from the Program, Track, and General Chairs

On behalf of the IEEE Technical Committee on Real-Time Systems (TCRTS), it is our pleasure to welcome you to the 44th IEEE Real-Time Systems Symposium (RTSS 2023) during December 5 – 8, 2023 in Taipei. Over the past 44 years, RTSS has established itself as the primary forum for research in the broad field of real-time and embedded systems.

RTSS 2023 continues the trend of making RTSS an expansive and inclusive event, striving to embrace new and emerging areas of real-time systems' research. The scope of RTSS 2023 encompasses two tracks: Track 1 – Real-Time Systems track, and Track 2 – Design and Applications track covering cutting-edge research in real-time systems and its applications. Papers submitted to both tracks were required to address some form of real-time requirements such as deadlines, response times or delay/latency.

RTSS 2023 received 126 complete submissions from around the world. The paper review process involved 66 Program Committee members, assisted by 103 additional secondary reviewers. Each submission was assigned to at least four reviewers. We continued the recent introduction of double-blind reviewing process, followed by a rebuttal phase where authors received the reviews and were able to clarify issues or rectify misunderstandings. The submissions were discussed via the message board and at the Program Committee meeting held online on July 26th and 27th, 2023, after which 23 submissions were directly accepted and 9 were conditionally accepted subject to shepherding. All conditionally accepted papers successfully went through the shepherding process, and finally 32 submissions in total were accepted to the conference with an acceptance rate of 25%. Of these, 4 submissions were recognized as Outstanding Papers and form the shortlist for the Best Paper and Best Student Paper Awards. Building on the success of the previous year, RTSS 2023 once again recognized and awarded the Best Reviewer Award. Nominations were collected from authors and PC (Program Committee) members, highlighting the significant contributions and expertise demonstrated by deserving individuals in the review process.

RTSS 2023 continued to have the Hot Topic Day and a Brief Presentations (BP) track. This year RTSS also includes a brief industry paper session to provide a platform for presenting industry-relevant work. We continued to adopt the Artifact Evaluation (AE) process, which offers authors the opportunity to highlight the reproducibility of their results, and to obtain a validation for the experiments and data reported in their paper.

Our thanks go to the many people involved in the conference organization. We would like to thank our Hot Topic Day Chair Angeliki Kritikakou, Finance Chairs Nathan Fisher and Cong Liu, Web Chair, Zhishan Guo, Brief Presentation Chairs Arpan Gujarati and Patrick Meumeu Yoms, Industry Chair Wanli Chang, Publication Chair Jinkyu Lee, Registration Chair Jing Li, RTSS@Work Chair Yue Tang, Artifact Evaluation Chair Wei Zhang, Publicity Chairs Mitra Nasri, Catherine Nemitz, Yehan Ma and Chung-Wei Lin and Video/Multimedia Chair Kuan-Hsun Chen. We especially thank all members of the RTSS 2023 local organization team, in particular, Yuan-Hao Chang and Pi-Cheng Hsiu, as Local Organization Chairs, and Tei-Wei Kuo, Li-Pin Chang, Chi-Sheng Shih, Jen-Wei Hsieh, Che-Wei Chang, Chien-Chung Ho and Ya-Shu Chen as local organization team members. We extend our sincere appreciation to the members of the Program Committee. We also extend our thanks to Christopher Gill as IEEE TCRTS EC Chair, Björn Brandenburg as IEEE TCRTS EC Conference Planning Subcommittee Chair and the entire IEEE TCRTS EC for their advice and support. Without the dedicated support of all these colleagues, we could not have put together such an excellent program. Thank you all!

Finally, we would like to thank all authors who submitted their work to RTSS 2023, whether it was accepted or not. Without them, this conference would not be possible. We are pleased with the high-quality technical program of RTSS 2023. We hope you enjoy yourself at RTSS 2023!

Insik Shin, **RTSS 2023 Program Chair**

Nan Guan, **RTSS 2023 Track Chair**

Renato Mancuso, **RTSS 2023 Track Deputy Chair**

Hyoseung Kim, **RTSS 2023 Track Deputy Chair**

Jian-Jia Chen, **RTSS 2023 General Chair**