Message from the Program Co-Chairs
IRI 2024

Greetings from IEEE IRI 2024!

On behalf of the Organizing Committee, we welcome you to IEEE IRI 2024, the 25th IEEE International Conference on Information Reuse and Integration for Data Science to be held from August 7 to August 9, 2024, in San Jose, CA, USA. This year's conference marks the second time IEEE IRI meets in person since the COVID-19 pandemic. We are delighted that this year's IRI is collocated with the 7th IEEE International Conference on Multimedia Information Processing and Retrieval (MIPR 2024). As a result, both conferences share not only the same venue, but also the keynote speeches, technical sessions, and social events. Located in the heart of the innovation hubs, San Jose is truly a unique place to host IRI 2024 which is committed to providing all participants a stimulating technical program, an exceptional conference experience, and a friendly platform for networking. Furthermore, IEEE IRI 2024 has several of the world's leading experts in the field to give keynotes. We would like to thank our keynote speakers. These keynotes focus on a diverse range of topics within the scope of IEEE IRI 2024.

Information reuse and integration (IRI) aims at maximizing the reuse of information through reusable knowledge representations efficiently and then realizes strategies for integrating the reusable knowledge to emerging and legacy systems like the transfer learning concept. IRI plays a vital role in gathering and representing data and creating usable/reusable information and knowledge; and leverages both information and knowledge for enhancing decision making in various emerging applications. Over 25 years, IEEE IRI conference has established itself as an internationally renowned forum for researchers and practitioners to exchange ideas, connect with colleagues, and advance the state of the art and practice of current and future research in information reuse and integration. Continuing the trend from past years, IEEE IRI 2024 focuses on Information Reuse and Integration for Data Science. The IEEE IRI 2024 conference received numerous high-quality submissions from authors in various countries and each submission was reviewed by at least 3 members of the international Program Committee consisting of 38 members. In addition, 20 reviewers participated in the IEEE IRI 2024 review process. The acceptance rate of full regular research papers is **29%.** In addition, like in the past, the conference includes high-quality industry and application papers, and several demos and posters. Furthermore, we have included a select set of invited papers to enrich our program. All these papers provide novel ideas and state-of-the-art techniques in the field. We are grateful to all the authors for their hard work and choosing IEEE IRI 2024 as the platform to present their quality research. We would also like to thank the technical program committee members and reviewers, who gave their valuable time to review papers and help selecting the high-quality papers.

This year, we have three workshops that will focus on emerging issues related to the IRI themes: (1) Artificial Intelligence for HeathCare (AIHC 2024), (2) Empirical Methods for Recognizing Inference in TExt (EM-RITE 2024), and (3) e-Health and m-Health Technologies for Ambient Assisted Living and Healthcare (TechAAL 2024). The selection of papers for these workshops was done separately from the main conference.

We are deeply thankful to Poster Co-Chairs: Zedong Peng (University of Montana, USA) and Reda Alhajj (University of Calgary, Canada); Workshop Co-Chairs: Hemanth Gudaparthi (Governors State University, USA) and Zhaonan Wang (University of Illinois Urbana-Champaign, USA); Finance and Registration Co-Chairs: Yongjin Lu (Oakland University, USA) and Xiaoliang Wang (State University of New York at Oswego, USA); Proceedings Chair: Min-Yuh Day (National Taipei University, Taiwan); Publicity Chair: Mohammed Ouali (Adrian College, USA). Finally, we would also like to express our heartiest thanks to

our General Chairs, Shu-Ching Chen and Stuart Rubin, and the Steering Committee for their constant feedback, guidance, and unequivocal support throughout the organization of the conference.

This year's IRI offered PC (self-)nomination, student travel, and student volunteer opportunities. We would like to thank our sponsors, especially IEEE TCMC, for their generous financial support. Their contribution undoubtedly helps IRI 2024 to offer a high-quality, inclusive, and diverse experience for all attendees and ensures that IRI 2024 remains a top-ranked conference on IRI. To celebrate the silver jubilee of IEEE IRI, we are establishing the Test of Time (ToT) Award to honor IRI paper/papers published more than 10 years ago. Our ToT Co-Chairs, Jianquan Liu (NEC, Japan) and Danda B. Rawat (Howard University, USA), led the effort of selecting the inaugural ToT Award. Like in the past, it is the wonderful teamwork that brings the IEEE IRI 2024 conference to its great success. This year we are organizing IRI 2024 in person, and we sincerely hope that you will enjoy our quality program. We hope to see you all during the conference.

Nan Niu, *University of Cincinnati, USA*
Lydia Bouzar-Benlabiod, *Acadia University, Canada*
Wei-Bang Chen, *Virginia State University, USA*
James Joshi, *University of Pittsburgh, USA*
Ling Liu, *Georgia Institute of Technology, USA*
Mei-Ling Shyu, *University of Missouri-Kansas City, USA*
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