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2023 IEEE International Conference on Cloud Computing
Message from the Chairs

Tevfik Kosar
University at Buffalo
General Co-Chair

Manish Parashar
University of Utah
General Co-Chair

Judy Fox
University of Virginia
Program Co-Chair

Christoph Hagleithner
IBM Research - Zurich
Program Co-Chair

We are delighted to extend a warm welcome to all participants of the 2023 IEEE International Conference on Cloud Computing (CLOUD 2023) sponsored by the IEEE Technical Committee on Services Computing!

Since its inception in 2009, IEEE CLOUD has established itself as a flagship conference at the forefront of innovative cloud computing research across all *"as a service"* (XaaS) categories. This includes the modeling, development, publication, monitoring, management, delivery, and scaling of XaaS offerings from the core to the edge. The conference serves as a premier international forum, bringing together researchers, academics, industry businesses, and professionals to discuss the latest advances in the state of the art and practice of cloud computing. It also aims to identify emerging research topics and shape the future of this dynamic field.

This year, we are thrilled to host the conference in the vibrant city of Chicago, Illinois, from July 2nd to 8th. We received an overwhelming response with 180 submissions from 210 institutions in 37 countries. Each paper underwent a rigorous review by at least three of the 152 program committee members. Following extensive evaluations and discussions, the program committee selected 37 full papers, 19 short papers, and 15 work-in-progress papers for presentation in the research track. The acceptance rate for full papers was 21%. The presentations will cover diverse aspects of cloud computing, including infrastructure, applications, management and operations, security, business innovations, and the integration of Cloud and AI technologies.

As part of IEEE CLOUD 2023, we are excited to feature the *Symposium on Distributed Computing Continuum (DCC) – Integrating HPC, Cloud, and the Edge.* This symposium will showcase nine invited presentations and a panel discussion. From edge sensors to cloud and HPC centers, the distributed computing continuum continues to evolve, presenting new opportunities for novel AI techniques and giving rise to programming and operational challenges. We extend our heartfelt gratitude to Pete Beckman and Constantinos Evangelinos, the Symposium Chairs, for their efforts in organizing this event as an integral part of IEEE CLOUD 2023.

The success of IEEE CLOUD 2023 is the result of a collective endeavor. We express our sincere appreciation to all the authors for contributing technical content to the program. Our gratitude also extends to the program committee for their thorough reviews, and our dedicated publicity chairs for their effective communication efforts. Furthermore, we would like to thank the organizing committee of IEEE SERVICES 2023 for hosting CLOUD 2023, and acknowledge the generous support of IEEE TCSC, without which this event would not have been possible.

We trust that you will find the IEEE CLOUD 2023 program to be stimulating and thought-provoking, providing you with valuable opportunities to exchange ideas with researchers from esteemed institutions across the globe. We eagerly look forward to engaging with all of you in the dynamic atmosphere of CLOUD 2023 in Chicago!