

Preface

This book included all abstracts of accepted papers for presentation at the 6th International Hybrid Conference on Informatics and Applied Mathematics (IAM'23), which was held on December 6-7, 2023, at the University of May 8, 1945, Guelma, Algeria. The IAM'23 conference provided a significant international forum that brought together a diverse community of both emerging and seasoned researchers, scientists, and practitioners in the fields of computer science and applied mathematics. The conference served as a platform for participants to present their ideas, engage in discussions, and share valuable experiences and research findings. IAM'23 focused on addressing cutting-edge topics within the domains of computer science and applied mathematics. It offered a distinctive opportunity for individuals from various backgrounds, including researchers, educators, and industry professionals, to explore the fundamental roles played by these disciplines. Participants had the chance to delve into recent innovations, trends, and interactions, gaining insights into the latest developments in the field. Moreover, the conference facilitated the examination of practical impacts, challenges, and solutions within the realms of computer science and applied mathematics. This inclusive approach allowed attendees to not only showcase their research but also to actively contribute to the broader discourse surrounding these fields. Overall, IAM'23 served as a dynamic and collaborative platform, fostering the exchange of knowledge and ideas among professionals with diverse expertise in computer science and applied mathematics.

The conference was organized into 9 sessions, covering the following topics:

- Artificial Intelligence.
- Machine Vision.
- Ambient Intelligence.
- Information Systems and Networking.
- Applied Mathematics.

We would like to thank all the participants, the members of the organizing and academic committee for their valuable contributions to the success of this conference.

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IAM'23 General Chair