



**APTİKOM**

The 7th International Conference  
on Informatics and Computing (ICIC) 2022



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# **2022 Seventh International Conference on Informatics and Computing (ICIC)**

Bali, Indonesia

(Hybrid Conference)

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# 2022 Seventh International Conference on Informatics and Computing (ICIC)

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## PREFACE



It is my great pleasure to warmly welcome you to the Seventh International Conference on Informatics and Computing (ICIC 2022) held for the first time, in Hybrid mode. Online participation will be held via the Zoom Meeting platform, while offline event will take place in the land on Bali.

The ICIC is a conference series which is conducted annually by APTIKOM, the Indonesian Association of Higher Education in Informatics and Computing. This year the main theme of the conference is "Driving Digital Transformation Toward Society 5.0 through Smart Technology and Artificial Intelligence", with an intention to bring up more awareness in our society on the importance of Artificial Intelligence in the current era and beyond.

The ICIC conference series as a flagship conference of APTIKOM serves as an arena for academicians and their students, experts and practitioners from the industry to meet, present, and have fruitful discussions on their research works, ideas, and papers in the wide areas of Computing which covers Computer Science, Information Systems, Information Technology, Software Engineering, and Computer Engineering. The conference is set to provide opportunities for participants from both academia and industry to share and exchange knowledge as well as the cutting-edge development in the computing field. It is expected that the ICIC participants will be able to take away new thinking and horizon from this confederal meeting to further their works in the area.

There are 237 papers submission and only 130 papers are accepted which is around 54% acceptance rate. The accepted papers will be presented in one of the 9 regular parallel and tracks sessions and will be published in the conference proceedings volume. The diversity of authors come from 9 different countries.

All accepted papers are submitted to IEEE Xplore. IEEE Conference Number: #56845. Catalog Number: CFP22G52-ART ISBN: 979-8-3503-4571-1

On behalf of the ICIC 2022 organizers, we wish to extend our warm welcome and would like to thank for all Keynote Speakers, Reviewers, Authors, and Committees, for their effort, guidance, contribution and valuable support. We would like to also extend our gratitude to IEEE Indonesia Section for technically co-sponsored this event.

I wish you all a most wonderful, enjoyable, and productive conference in this ICIC 2022. Thank you.  
Wa billahi taufiq wal hidayah. Wallahul muwaffiq ila aqwamit tharieq.  
Wasalaamu 'alaykum warahmatullahi wabarakaatuh.

**Yusuf Durachman**  
**Organizing Chair**

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