

Guest Editorial Preface

Special Issue of Revised and Extended Papers from the 4th IEEE International on Networking and Advanced Systems-4th IEEE ICNAS' 2019

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The world is connected and networks represent essential support for the applications and systems that citizens use in their daily lives. Advanced systems are there to make life easier for people and to advance economic fields such as various industries and others. Data security, applications, and private lives are one of the most imperative areas of research. The Networks and Systems laboratory through ICNAS encourages research in all these topics.

The Networks and Systems laboratory launches the special issue of the IGI-Global *International Journal of Strategic Information Technology and Applications (IJSITA)* to publish the best papers submitted and presented at the 4th IEEE International Conference on Networking and Advanced Systems ICNAS 2019.

This conference is supported by the IEEE and occurred on June 26-27, 2019, in Annaba, organized by the Networks and Systems Laboratory affiliated with Badji Mokhtar Algeria University. The conference is biennial, and highlights international and national skills in its scientific committee.

This selection of papers is the product of a series of evaluations of international and voluntary reviewers. The submission was opened to the authors of the 14th IEEE ICNAS 2019 conference as well as to researchers at the international level.

The first paper is about data security in medical applications which represent an important aspect of privacy, based on watermarking, that provides a high level of security.

The second paper proposes a robust IOT-Cloud for data availability within minimum latency.

The third paper is about privacy preserving in secured Vanets.

Intelligent systems with strategic information and their applications are topical today, therefore, scientific research in this type of topic is very promising. The themes addressed in the accepted papers relate to security in various applications supported by the computer network infrastructure. These are namely Vanet systems and privacy, the

Cloud with available data as a challenge and watermarking to secure data in medical applications.

Finally, we thank the team's reviewers which have evaluated the submitted papers to this special issue entitled "Advanced Computer Systems."

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