Call for Papers

Special Issue on

"Emerging Trends in Cyber Security and Cryptography"

Overview

In this crucial era of cyber crime, cyber bullying and cyber fraud, cyber security tools, techniques and cyber education is playing a prominent role. Not only industries around the world but academia is also trying to grab something to give fruitful in terms of securing the people, physical and intellectual property. Although it is not as simple as in terms of words but rather very complex in terms of millions of computers linked together, trillions of industries around the world and infinity of articles in the broad domain of cyber security published every day. The fast growing development of recent computing architectures and latest technologies for instance cloud/edge/fog computing, mobile and ubiquitous computing, Internet of Things/Internet of Everything, big data analytics, and artificial intelligence are coming out with some complicated and challenging needs of academia and industry. Therefore there is an acute need of an innovative research to fulfill this recent need.

The ultimate need of this special issue is to publish high-quality research articles reporting original research as well as review articles that highlight challenges in cyber security and cryptography and also provide new initiatives and solutions for meeting those challenges.

Topic of Interest (but not limited to)

We are particularly keen to see submissions on the following new frontiers in cyber security, but submissions reporting work in other important topics in cyber security and cryptography are also welcome:

- Cyber analytics and cyber threat intelligence;
- Cyber-physical system security;
- Cyber security metrics and assessment;
- Cryptography for cyber security;
- Cyber risk management;
- Interdisciplinary research topics on cyber security;
- Artificial intelligence and cyber risk and security;
- Modeling of cyber risks;
- Strategies (economics, IT) for cyber resilience or security;
- Systemic cyber risk;
- Reliability in cyber security and mobility;
- Cryptographic applications.

Submission Guidelines
The manuscript must be formatted as per the guidelines of the journal described at the journal site (https://journals.riverpublishers.com/index.php/JCSANDM/index). All papers deemed suitable to be sent for peer review will be peer-reviewed by at least two independent reviewers as River Publishers policy.

Submission Procedure
All manuscript must be submitted online at
https://journals.riverpublishers.com/index.php/JCSANDM/about/submissions

Important Dates
Submission deadline: **August 30, 2020**
First round of reviews: **September 30, 2020**
Revised manuscript: **October 30, 2020**
Final decision: **November 30, 2020**

Guest Editors
Dr. Preeti Malik, Graphic Era Deemed to be University, India
Dr. Lata Nautiyal, University of Bristol, United Kingdom
Prof. Dr. Mangey Ram, Graphic Era Deemed to be University, India
Prof. Dr. Kamal Ghanshala, Graphic Era Deemed to be University, India
Prof. Dr. R. C. Joshi, Graphic Era Deemed to be University, India

Inquiries
All inquiries are invited to send an email to mangeyram@geu.ac.in

Publisher
River Publishers, Denmark. https://www.riverpublishers.com

Important Information- There is no publication fee for this Special Issue in any form.