

**Special Issue on “The Advanced Techniques in Computing and Security”
Foundations of Computing and Decision Sciences
Call for Papers**

1. Introduction

The Advanced Techniques in Computing and Security are essential for the development of modern society.

The emerging needs for building reliable and faster computing system in present society have attracted lots of attention from different perspectives. Providing security and efficient computing methods to ensure the safety, efficiency, and security is becoming urgent both in academy and industry. In particular, it is urgent to explore and exploit new technologies to collect, process, analyze, and apply such big data. The new methods for these needs have covered distinct directions, such as architecture, algorithms, high-performance systems, security and privacy. This special issue addresses this domain and aims to gather recent academic achievements in this field and promote the industrial cooperation with academic achievements.

In summary, the research on the advanced techniques in computing and security can bring a substantial improvement in the functioning of current society.

2. Technical Scope of the Proposal:

The objective of this special issue is to publish papers devoted to the analysis of recent trends in the interdisciplinary area of the advanced techniques in computing and security. To display current developments and address challenges in theory, technology and applications emerging in this competitive field, we devote the Special Issue on "The Advanced Techniques in Computing and Security".

This Special Issue solicits topics as follows, but is not limited to:

- Architectures:
 - Interconnection networks
 - Sensor, wireless and RFID systems
 - Network-on-chip architectures
- Algorithms:
 - Resource allocation and management,
 - Distributed computing
 - Network routing and traffic control
- High-Performance Systems:
 - Operating systems for parallel/distributed systems
 - Software engineering for parallel/distributed system
- Security and Privacy :
 - Cloud security,
 - Intrusion detection,
 - Data provenance
 - Cyber science and engineering

The quality and topics of the submissions should correspond to the high standards of publications in FCDS and its Aims and Scope: <http://fcds.cs.put.poznan.pl/fcds/>.

3. Important Dates

Full Paper Submission will start on: December 10, 2022

Deadline for submission: February 15, 2023

Special issue will close on: September 30, 2023

The special issue is planned to be published during 2023, the assignment of accepted papers to the given volume (and its date) depends on the finishing the reviewing and revision process. Submissions should follow the journal's style and guidelines presented here:

<http://fcds.cs.put.poznan.pl/FCDS/Submissions.aspx>.

Manuscript submission must be made by e-mail to the following address that authors should mention in their letter to the Editorial Office that the manuscript is submitted to this "Special Issue":

fcds@cs.put.poznan.pl.

In case of any question, please contact by e-mail the guest editors:

Prof. Jacek Blazewicz

Institute of Computing Science, Poznan University of Technology, Poland

Email: jblazewicz@cs.put.poznan.pl

Prof. Jie Li

School of Electronic, Information and Electrical Engineering, Shanghai Jiao Tong University, China

Email: li_jiecs@sjtu.edu.cn

Prof. Lei Shi

School of Cyber Science and Engineering, Zhengzhou University, China

Email: shilei@zzu.edu.cn

Prof. Yangjie Cao

School of Cyber Science and Engineering, Zhengzhou University, China

Email: caoyj@zzu.edu.cn

Dr. Yinling Wang

School of Cyber Science and Engineering, Zhengzhou University, China

Email: shirleywang0314@hotmail.com