



AISMA

2021

**International Workshop
on Advanced in Information Security
Management and Applications**

October 1, 2021
Stavropol, Krasnoyarsk, Russia

Preface

This volume contains the papers presented at the AISMA-2021: International Workshop on Advanced in Information Security Management and Applications held on October 1, 2021 in Stavropol, Krasnoyarsk and online.

The International Workshop on Advanced in Information Security Management and Applications aims at bringing together scientists with interests in this field to present recent innovations, find topics of common interest and to stimulate further development of new approaches that greatly make efficient the work of an information security management.

Main topics include (but are not limited to): AI model training in information security, Blockchain technologies, Cryptography and applications, Information risk analysis and applications, Information security awareness and applications, Information security in education, Information security in Internet of Things, Machine learning in information security, Threat detection UAV security control systems.

Submission of papers, review and preparation of proceeding was carried out using a conference management system EasyChair. Research papers appearing in this volume were selected after a blind peer-reviewing by at least two reviewers. The workshop attracted 67 contributions of which 19 papers were accepted for presentation. Additionally, it included 2 invited talks given by Mauro Conti, University of Padua, Italy "Side and Covert Channels" and Elena Basan, Southern Federal University, Taganrog, Russia "Analysis of the Impact of a GPS Spoofing Attack on a UAV".

The workshop, was finally held in Stavropol, Krasnoyarsk and online due to the COVID pandemic hitting all around the world during 2020-2021.

We would like to thank all the authors for their submissions, and our Program Committee members and additional reviewers for their precious work.

October 1, 2021
Online
Stavropol, Krasnoyarsk, Russia

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