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This volume represents the proceedings of the 1st International Workshop on Intelligent Information Technologies & Systems of Information Security, held in Khmelnytskyi, Ukraine, in June, 2020. It comprises 30 contributed papers that were carefully peer-reviewed and selected out of 91 submissions.

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## Preface

It is our pleasure to present you the proceedings of 1st International Workshop on Intelligent Information Technologies & Systems of Information Security (IntelITSIS-2020), online held in Khmelnytskyi (Ukraine) on June 10-12, 2020.

1st International Workshop on Intelligent Information Technologies & Systems of Information Security (IntelITSIS-2020) is organized by Computer Engineering & System Programming Department of Khmelnytskyi National University with the support of the PUBLIC ORGANIZATION “UKRAINIAN SCIENTIFIC AND EDUCATIONAL IT SOCIETY”.

The IntelITSIS-2020 focuses on all technical and practical aspects of the latest research and results of international scientists and practitioners related to intelligent information technologies & information security systems. This workshop provides opportunities to exchange new ideas, to establish business or research relations and to find global partners for future collaboration.

International Program Committee of Workshop has 36 members. More than 97 % of the IntelITSIS-2020 International Program Committee members have more than 10 DBLP papers. There are the representatives of 9 Ukrainian Universities and of 15 Universities from around the world (United Kingdom, USA, Austria, Slovakia, Czech Republic, Turkey, Poland, Estonia, and Greece).

1st International Workshop on Intelligent Information Technologies & Systems of Information Security received 91 submissions from Ukraine and the world. The IntelITSIS-2020 joined scientists from Ukraine, United Kingdom, USA, Austria, Slovakia, Czech Republic, Turkey, Poland, Kazakhstan, Estonia, Germany, Belarus, Indonesia and Greece. In general, the representatives from 22 Universities from around the world, 5 industrial partners from Ukraine and 69 Ukrainian Universities, Colleges and Lyceums submitted their papers to participate in the workshop.

All papers were evaluated by two or three reviewers. Based on the reviews, a rating of papers was compiled. Papers with a positive average scores were accepted for presentation at the Workshop. According to the decision of the International Program Committee, 32 papers were conditionally accepted for presentation at the workshop. We received camera-ready papers, which were also evaluated by reviewers (it was checked whether all comments and recommendations were taken into account).

As a result, only 30 camera ready papers are accepted for presentation at the Workshop. The scientists from Ukraine, United Kingdom, USA, Austria, Slovakia, Czech Republic, Turkey, Poland, Estonia, Belarus, and Greece take part in IntelITSIS-2020. In general, the representatives from 19 Universities from around the world, 3 industrial partners from Ukraine and 28 Ukrainian Universities, Colleges and Lyceums take part in the workshop. So, final acceptance rate is 33%.

I would like to thank the members of International Program Committee and Organizing Committee, and external reviewers for their excellent and tireless work. I sincerely wish everyone fruitful work and interesting presentations! I hope that the workshop results make a significant contribution to the development of intelligent information technologies & information security systems in Ukraine.

June, 2020

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