Preface

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This volume contains the papers presented at the two sessions, "Image Processing and Geoinformation Technology, and Information Security" within the 3rd International Conference on Information Technology and Nanotechnology - 2017 (ITNT-2017). The conference took place in Samara, Russia, April 25−27, 2017 (http://ru.itnt-conf.org/itnt17ru/). In addition to the two sessions mentioned above, the conference also included the following tracks: "Computer Optics and Nanophotonics", "Mathematical Modeling", "High-Performance Computing", "Data Science", "Information Technology and Education".

The topics of the papers in this volume include signal and image processing and analysis, computer vision, pattern recognition, geographic information technology, remote sensing data processing and analysis, digital watermarking and steganography, digital forensics, malware detection, cryptography and cryptanalysis, data authentication, and reverse engineering.

This year we have received 118 submissions addressed to the sessions "Image Processing and Geoinformation Technology", and "Information Security". Each submission was carefully reviewed by the program committee members and the reviewers, which are well-known experts in computer vision and information security from Russia, Germany, Italy, Poland, The Netherlands, Brazil, Azerbaijan, and Switzerland. Based on the reviews, 72 papers were accepted for presentation at the conference and publication. Some of the accepted papers were published in Elsevier Procedia Engineering Series, in the volume covering all topics of the conference. The current volume contains 42 papers not included in the Procedia Engineering volume.

We are grateful to the authors, and to the program committee members for their time and efforts and we look forward to meeting you again at future events.

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- Victor Fedoseev, Samara National Research University, Samara, Russia
- Yulia Vybornova, Samara National Research University, Samara, Russia
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