

Preface

This volume of *Advances in Intelligent Systems and Computing* contains papers presented at IITI 2017, the Second International Conference on Intelligent Information Technologies for Industry, which will be held on September 14–16 in Varna, Bulgaria. The conference was jointly co-organized by Technical University of Varna (Bulgaria), Technical University of Sofia (Bulgaria), VŠB Technical University of Ostrava (Czech Republic), and Rostov State Transport University (Russia).

The purpose of IITI 2017 was to bring together international researchers and industrial practitioners interested in the development and implementation of modern technologies for automation, informatization, computer science, artificial intelligence, transport, and power electrical engineering. The conference aimed at advancing both fundamental research and innovative applications, and sought to establish a new dissemination platform and an international network of researchers in these fields. Innovative information technologies were of particular interest to the conference. There were 235 paper submissions from 13 countries. Each submission was reviewed by at least three Chairs or PC members. The conference was selective and accepted 106 regular papers (45%) for presentation. Unfortunately, due to limitations of conference topics and edited volumes, the Program Committee was forced to reject some interesting papers which did not satisfy these topics or publisher requirements. We would like to thank all authors and reviewers for their work and valuable contributions. The friendly and welcoming attitude of conference supporters and contributors made this event a success!

July 2017

Ajith Abraham
Sergey Kovalev
Valery Tarassov
Václav Snášel
Margreta Vasileva
Andrey Sukhanov

Proceedings of the Second International Scientific
Conference "Intelligent Information Technologies for
Industry" (IITI'17)

Volume 1

Abraham, A.; Kovalev, S.; Tarassov, V.; Snasel, V.;
Vasileva, M.; Sukhanov, A. (Eds.)

2018, XVI, 547 p. 194 illus., Softcover

ISBN: 978-3-319-68320-1