

Preface: Proceedings of the International Workshop on Advances in Information Systems, Mathematical Modelling, and IT Applications in Industry (AISI 2021)

The International Workshop on Advances in Information Systems, Mathematical Modelling, and IT Applications in Industry (AISI 2021) was held on October 21, 2021 at the Altai State University and brought together a wide spectrum of scholars and practitioners from different regions of Russia and foreign countries. This scientific event was organized by the Altai State University (Barnaul, Russia) and the Department of Production Organization of the Russian State Agrarian University - Moscow Timiryazev Agricultural Academy (Moscow, Russia) in close cooperation with the non-profit Research Support Association (Barnaul, Russia), as well as with many collages from the community of researchers, scholars, and industry practitioners.

The key topics discussed on the workshop included (1) new frontiers in information systems, (2) advances in mathematical modeling and computer simulation, as well as (3) applications of information and communication technology in various industries in Russia and abroad.

We received 87 applications from numerous research and education centers from Russia and neighboring countries, and only 35 papers were selected for the Workshop. As a result, 18 best were selected for further publications. The Workshop has a strong academic focus and is grounded in a careful selection procedure by independent reviewers. All the papers strictly correspond to the research agenda of the AISI 2021 Workshop and present results of theoretical and experimental research conducted by the scholars and practitioners. Only original papers were accepted for consideration, and they were checked for originality and plagiarism. Each paper was reviewed (double-blind) by at least two independent scholars.

We are happy to present the best papers from the International Workshop on Advances in Information Systems, Mathematical Modelling, and IT Applications in Industry (AISI 2021) in these proceedings. The papers cover all the main research directions and will appeal to a wide audience of scholars, researchers, and practitioners. The Organizing Committee would like to express its gratitude to all the reviewers who helped us over the last months assessing and curating this set of research papers. We also thank all the participants of the AISI 2021 Workshop and hope to meet them at the Altai State University (Barnaul, Russia) next year.

Svetlana V. Lobova,
Doctor of Economics, Professor

November 10, 2021, Barnaul, Russia

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