

**20th Conference on Technology, Culture & International Stability (TECIS 2021)
September 14-17, 2021 Moscow, Russia.**

The 20th conference of the IFAC TC 9.5 (TECIS 2021, formerly known as “SWIIS”) was organized by the Russian IFAC NMO and took place virtual in Moscow on the place where the first IFAC World Congress 1960 was organized on September 14-17 2021. As usual TECIS 2021 provided a forum for professionals, researchers, experts, and practitioners from industry, non-governmental organizations (NGOs) and academia to give an overview of the state of the art, to present new research results and to exchange ideas and experiences in the field of the role of control and automation technologies and its praxis in promoting international stability.

A related goal of this conference was to propose new approaches in dealing with globalization effects, and investigating international system complexity and the management of knowledge in that context. According to the scope of TECIS, this event offered scientists from Russia and neighbor countries as well as the international researchers community the opportunity to present their results at an IFAC sponsored international event.

The 141 contributions prepared from 260 authors from 25 countries included 3 plenary talks, 41 open invited truck papers and 97 regular papers. 30% of the authors were female and approximately 15% Young Engineers.

They covered a very broad field of subjects including Intelligent Systems and Applications, Innovation Management, AI and Applications, Control and Automation to improve Stability, Engineering Ethics, Cultural Effects, Knowledge Management and Intelligent Systems, Complex Adaptive Systems, Technology and Environmental Stability, Cost Oriented Automation (COA) and End of Life Management (EoL).

The plenaries were presented by: Petros Groumpos (GR) “A Critical Historical and Scientific Overview of all Industrial Revolutions”, Norbert Jesse (DE) “

Data Strategy and Data Trust – Drivers for Business Development”

Peter Kopacek & Mary Doyle Kent “Selected Development Trends of TECIS” and Fuad Aleskerov (RU) “Covid 19 – Spread of Morbidity, Quarantine Measures, Their Efficiency” without paper.

Many students, mostly from local universities, attended the event. Out of four finalists for the Young Author Award the paper of Rodrigo Alcoberro for the contribution “A Low-Cost Integrated Concept for the Hybridization and Electric Conversion of Cars and Other Mechatronic Vehicles” from Argentina was selected for the award by the committee.

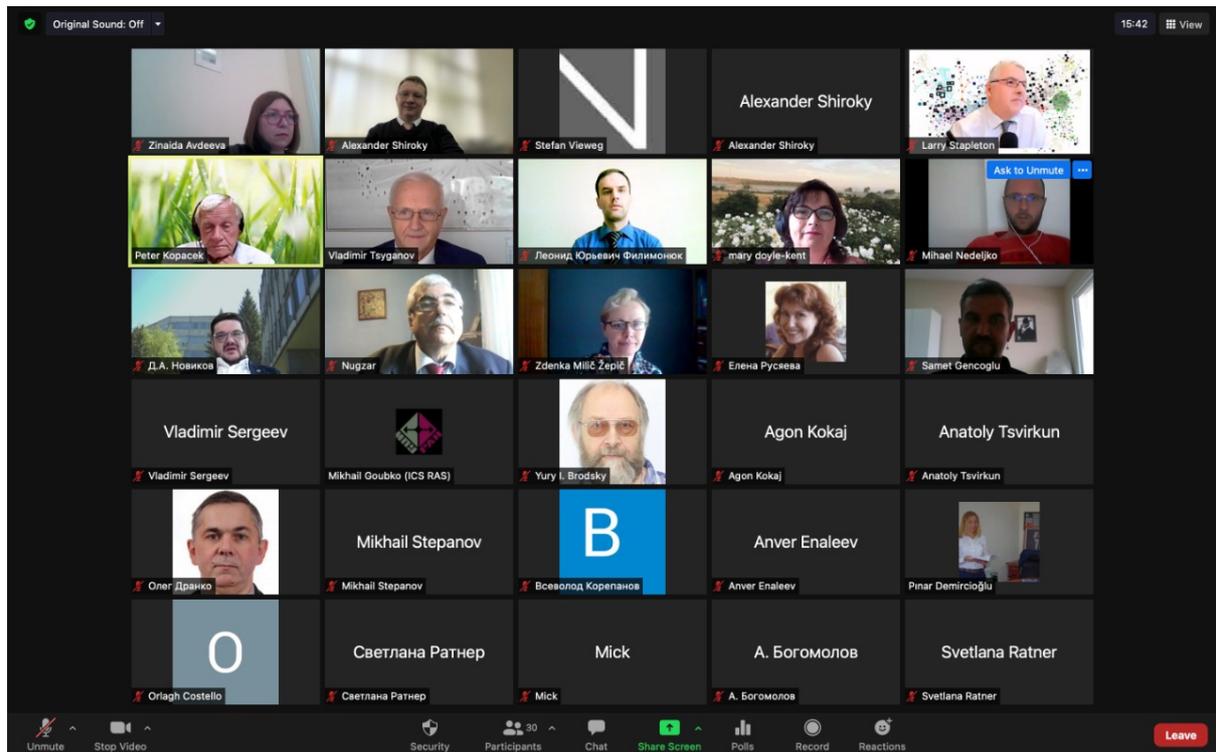
We are extremely grateful to the International Program Committee (IPC) members for reviewing of the papers, the members of the National Organizing Committee (NOC) for the successful organization of the event and especially to all attendees for participating in and contributing to this virtual event and we hope that you enjoyed the familiar atmosphere which stimulated intensive and successful discussions.

Submitted by: Peter Kopacek (IPC chair, AT)

Zina Avdeeva (NOC Co chair, RU)



The site of the first IFAC World Congress 1960 and also TECIS 2021



The Opening Ceremony of TECIS 2021