

The 7th International Conference on Optimization, Simulation and Control

Ulaanbaatar, Mongolia

June 20-22, 2022

The 7th International Conference on Optimization, Simulation and Control (ICOSC'2022) will take place on June 20-22, 2022 in Ulaanbaatar, Mongolia. The working language of the conference is English.

The goal of ICOSC'2022 is to bring together engineers, scientists, and mathematicians from a variety of related disciplines, who are at the forefront of their research fields, to exchange ideas and present original high level unpublished research in the areas of optimization and optimal control, with particular interests in the following topics, but not limited to:

Optimization
Simulation
Control

- Linear, non-linear, combinatorial, parametric, stochastic, multilevel, multi-objective and global optimization
- Calculus of variations, optimal control, variational inequalities and game theory
- Mathematical economics, macroeconomics, econometrics, financial mathematics
- Interdisciplinary applications of optimization theory (economics, engineering and general sciences)
- Biomathematics, protein folding optimization
- Control Theory
- Simulation, Stochastic Process, Numerical Analysis
- Optimization in Signal and Image Processing
- Machine Learning, Deep Learning, Reinforcement Learning

Plenary Speakers:

- Hexi Baoyin (*Tsinghua University, China*)
- Panos M.Pardalos (*University of Florida, USA*)
- Alexander Strelakovsky (*Institute for System Dynamics and Control Theory, Russia*)
- Olga Vasilieva (*Universidad del Valle, Colombia*)
- Biswa Nath Datta (*Northern Illinois University, USA*)
- Radu Bot (*University of Vienna, Austria*)

Organizers :

- *Mongolian Academy of Sciences*
- *Institute of Mathematics and Digital Technology*
- *National University of Mongolia*
- *German - Mongolia Institute for Resources and Technology*
- *University of the Humanities*

For information, visit the conference website:

<http://www.icosc2022.org>

Contact address: N.Tungalag (*secretary*)

Tell: +976-99146101

E-mail: info@icosc2022.org