Call for Papers for

SPECIAL SESSION ON SYSTEM MODELLING & SOFT OPERATIONAL RESEARCH

at The 15ᵗʰ International Symposium on Operations Research in Slovenia (SOR '19) which will be held in Bled, Slovenia, September 25 – 27, 2019.

Organized and chaired by: Prof. Jerzy Michnik, Ph.D.

Systems thinking is one of the roots of operational research and plays an important role throughout the history of operational research. This special session will be devoted to methods and practical applications related to system modelling. Among systemic methods, the approaches studying evolution of social systems, like system dynamics and soft system dynamics, are worth special attention. The systemic approaches share some basic tools – e.g. cognitive mapping – with soft operational research (called also problem structuring methods) – the bundle of methods focused on unstructured and messy problems with many stakeholders. Such problems are often characterised by lack of access to objective, quantitative data. Solving such problems is based on tacit knowledge coming from the decision maker and other subjects involved in decision process.

Prospective authors are invited to submit original papers prepared according to SOR'19 instructions for authors. The papers should address the topics including, but not limited to:

- System Dynamics (SD) models,
- Soft System Dynamics (SSD) approaches, e.g.: Fuzzy Cognitive Maps (FCM), Weighted Influence Non-linear Gauge System (WINGS),
- methods based on cognitive mapping and related approaches,
- methods used for solving the unstructured and messy problems,
- practical applications of the above methods.

The 15th International Symposium on Operations Research in Slovenia - SOR'19

Bled, Slovenia, September 25-27, 2019

http://sor19.fov.uni-mb.si/

DEADLINES:

- Submission of contributed papers: June 16, 2019
- Referee's reports: July 15, 2019
- Submission of revised papers and copies of bank transfer: August 25, 2019

*Note: When submitting the paper, please, select "*Special Session: System Modelling & Soft Operational Research*".*