

Call for Papers

Special Session on Evolutionary Computation in Intelligent Network System

IEEE Congress on Evolutionary Computation (CEC'21)

IEEE CEC 2021 | 28 June - 1 July 2021 | Kraków, Poland

Aim and Scope

The impact of optimization in network environments on the modern economy and society has been growing steadily over the last few decades. The worldwide division of labor, the connection of distributed centers, and the increased mobility of individuals and devices lead to an increased demand for efficient solutions to solve optimization problems in network systems. Along with the development of more powerful computer systems, design and optimization techniques like computational intelligence approaches have been developed that allow us to use computer systems for the systematic design, optimization, and improvement of different network systems.

The aim of this special session is to promote research on the applications of computational intelligence, including evolutionary computation, nature-inspired computational models, metaheuristic techniques, and other intelligent methods, to the solution of problems in network systems. Topics of interest include, but are not limited to:

- Communication network systems
- Transportation and logistics network systems
- Information network systems
- Financial and economic network systems
- General network problems

Organizers

This special session is organized by IEEE CIS ISATC Task Force on Intelligent Network Systems (TF-INS).

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Important Dates

Paper Submission Deadline: 31 January 2021

Paper Acceptance Notification: 22 March 2021

Final Paper Submission Deadline: 7 April 2021

Early Registration Deadline: 7 April 2021

Conference Dates: 28 June 2021 - 1 July 2021

Submission

Papers for IEEE CEC 2021 should be submitted electronically through the Congress website at <http://cec2021.mini.pw.edu.pl> by **January 31, 2021**.

All submissions will be refereed by experts in the fields and ranked based on the criteria of originality, significance, quality and clarity.

Publication

All IEEE CEC 2021 presented papers will be published in conference proceedings by IEEE.