



21st
International
Conference on
Operational
Research

September 23-25, 2026,
Brela Croatia

CALL FOR PAPERS FOR SPECIAL SESSION

Advances in Convex Optimization – Goran and Yurii 70

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PURPOSE

We propose a special section at KOI 2026 to celebrate the 70th birthdays of two distinguished mathematicians whose contributions have profoundly shaped the field of continuous optimization: Professor Yurii Nesterov (Université Catholique de Louvain, Belgium & Corvinus University, Hungary) and Professor Goran Lesaja (Georgia Southern University, USA & Corvinus University, Hungary). This session will bring together researchers to honor their scientific legacy and present recent advances in optimization theory and algorithms.

THE HONOREES

Yurii Nesterov is internationally recognized for his foundational contributions to convex optimization, including the development of accelerated gradient methods (Nesterov's momentum), optimal methods for smooth convex minimization, and the theory of self-concordant functions. Together with Arkadi Nemirovski, he developed the theoretical foundations of interior-point methods for convex programming, establishing polynomial-time complexity results that revolutionized the field. Their monograph *Interior-Point Polynomial Algorithms in Convex Programming* and his *Introductory Lectures on Convex Optimization* remain cornerstone references. His work has had transformative impact across optimization, machine learning, and computational mathematics.

Goran Lesaja has made significant contributions to interior-point methods for linear optimization, linear complementarity problems, and their generalizations to symmetric cones. His research on kernel-based interior-point methods has advanced both the theoretical foundations and practical applications of this important area of convex optimization. Additionally, Professor Lesaja has made notable contributions to statistical disclosure limitation, developing optimization-based approaches for protecting sensitive data while preserving statistical utility; a work that bridges mathematical optimization with critical applications in data privacy and confidentiality protection.

SCOPE AND TOPICS

The special section welcomes contributions to all areas of theory and methods for convex optimization and beyond. The topics include but are not limited to interior-point methods for linear optimization, linear and nonlinear complementarity problems, conic optimization, optimization in machine learning, variational inequalities, complexity analysis of optimization algorithms, and applications in operations research, engineering, and data science.

IMPORTANT NOTES

DEADLINES

June 14, 2026 - submission of abstract
July 1, 2026 - notification of acceptance
August 25, 2026 - registration & fee payment

When submitting the paper, please, select: [Advances in Convex Optimization – Goran and Yurii 70](#).

We look forward to welcoming you from September 23-25, 2026 at Bluesun Hotel Soline in Brela, Croatia.

You can find detailed information at: hdoi.hr/koi-2026/

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