



18th IFAC Workshop on Control Applications of Optimization

July 18-22, 2022
Gif-sur-Yvette, France



<https://cao2022.sciencesconf.org/>



Aims and Scope

IFAC-CAO Workshop aims to offer a forum for the presentation of the latest contributions and developments related to the theory of optimal control and the optimization-based design in automation and decision-making processes. It targets, in particular, the use of new methods and technologies for solving relevant problems in industry and address the latest challenges in society. The event will give specialists in the fields of optimal control, differential games, and optimization an opportunity to share their experiences with practitioners, to discuss new research directions and problems that are arising, and to outline scientific and commercial applications. One aim of the workshop is to bring together researchers and engineers, applied economists and environmental scientists, providing an up-to-date survey of the major applications of optimization for control purposes and for decision-making in economics and in the industry. The event will be preceded by tutorials and modules dedicated to young researchers.

Invited sessions

Special session proposals must be submitted electronically through Papercept and should include: title, description of the scope, list of topics covered, potential contributors, and names, affiliations, websites, and bios of special session organizers.

Contributions

Prospective authors are invited to submit original contributions. All submissions will be subject to review and assessment by the International Program Committee, who will select the papers to be included in the conference program. If accepted, the contributions must be presented by one of the registered participants in order to be included in the Workshop proceedings to be published in the IFAC-PapersOnLine series indexed by SCOPUS as one of the Elsevier's journals. It should be noted that all papers published in the IFAC-PapersOnLine are provided with individual DOI.

Paper Submission

All submitted papers must be written in English. For review purposes the papers can have a length of up to 8 pages. Accepted papers are limited to 6 pages; up to two extra pages are allowed upon payment of overlength page charges. All contributions must be submitted in a form appropriate to the IFAC style. Papers must be submitted using the PaperPlaza Conference Manuscript Management System at <https://ifac.papercept.net>

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Important Dates

Invited session proposal: 1 December 2021
Paper submission deadline: 15 December 2021
Notification of acceptance: 14 March 2022
Registration opens: 15 March 2022
Final paper submission deadline: 8 April 2022
Early registration deadline: 30 April 2022

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