



# CALL FOR PAPERS

**ICOMPC 2020**  
**Sep 23-24, 2020**  
**Vancouver, Canada**

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICOMPC 2020 : International Conference on Optimal and Model Predictive Control is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Optimal and Model Predictive Control. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

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| Model predictive control  | Min-max model predictive control               |
| Theory behind model predictive control                              | Constraint tightening model predictive control |
| Principles of model predictive control                              | Tube model predictive control                  |
| Nonlinear model predictive control                                  | Multi-stage model predictive control           |
| Robust model predictive control                                     | Linear convex optimal control                  |
| Commercially available model predictive control software            | Finite horizon approximation                   |
| Method of process control   | Fast model predictive control implementations  |
| Internal dynamic model of the process                               | Model predictive control: theory and design    |
| History of past control moves                                       | Emerging applications                          |
| Optimization cost function $J$ over the receding prediction horizon | Control algorithms                             |