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# **Air Transport Systems Optimization**

Guest Editor:

### Message from the Guest Editor

**Prof. Alexandre G. de Barros** Schulich School of Engineering, University of Calgary, Calgary, AB T2N 1N4, Canada

Deadline for manuscript submissions: closed (20 March 2022) Dear Colleagues,

The air transport mode is vital to the world's economy as it allows the high-speed movement of people and goods both domestically and internationally. Air transport systems are highly complex by nature with very high unit costs when compared to other modes, in addition to being a major contributor to worldwide emissions. As such, they require constant improvement through systems optimization. Recent developments in automation; air navigation systems; aircraft design, operations, and maintenance; network planning; and airline operations have highlighted the need for further development of optimization tools. This Special Issue will present the state of the art in air transport systems optimization.

Prof. Alexandre G. de Barros *Guest Editor* 









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### Message from the Editor-in-Chief

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