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## **Towards Gas Turbines Adapted for Net Zero Carbon Power Systems**

Guest Editors:

#### Dr. Panagiotis Stathopoulos

German Aerospace Center (DLR), Institute of low-CO2 industrial processes, High temperature heat pumps department, Cottbus 03046, Germany

### Prof. Dr. Myles Bohon

Institute of fluid dynamics and technical acoustics, Chair of Pressure Gain Combustion, Technical University of Berlin, Berlin 10623, Germany

Deadline for manuscript submissions:

closed (28 February 2021)

# **Message from the Guest Editors**

As fossil fuel thermal power generation is progressively phased out, gas turbines emerge as the best thermal power generation technology capable of converting hydrogen to electricity at scale and with high efficiency and low emissions

In this context, the current Special Edition aims to provide an overview of the activities of the research and development community in the fields of novel approaches in gas turbines. The focus lies on activities directed toward the adaptation of the technology for its application in a decarbonized society. Research articles mainly on (but not strictly limited to) the following topics are welcome:

Hydrogen in gas turbine applications;

Concentrated solar power gas turbines;

Pressure gain combustion in gas turbine applications;

Fuel cell-gas turbine hybrids;

Biomass fired gas turbines;

Alternative applications of the Joule-Brayton cycle.









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## **Editor-in-Chief**

#### Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario Institute of Technology, Oshawa, ON L1G 0C5, Canada

## **Message from the Editor-in-Chief**

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