



Dielectric Barrier Discharge Plasma Actuator for Active Flow Control

Guest Editors:

Dr. Takehiko Segawa

National Institute of Advanced
Industrial Science and
Technology (AIST), 1-2-1 Namiki,
Tsukuba 305-8564, Japan

Dr. Taku Nonomura

Department of Aerospace
Engineering, Graduate School of
Engineering, Tohoku University,
Sendai, Miyagi, Japan

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Message from the Guest Editors

In this Special Issue, we seek papers dealing with the performance evaluation, modeling, and application of conventional and innovative plasma actuators in flow control, including, but not limited to, the following issues:

- Performance improvement of DBD plasma actuators;
- Plasma physics of DBD plasma actuators;
- Detailed performance evaluation of DBD plasma actuators;
- New ideas and devices for efficiently driving DBD plasma actuators, including improvements in materials composing plasma actuators and power supply units;
- DBD plasma actuators applied to control the flow around objects, such as airfoil, wings, and blunt bodies;
- Side effects of actuation of plasma actuators, such as ozone and radio emissions, or degradation of plasma actuator material with continuous use.

