

FLUCOME 2017 Invited Lectures

Prof. **Mo Samimy**, The Ohio State University, USA

Title: Active Flow Control in High-Speed Flows.

Session: Flow/Fluid Control

Dr. **Li-Hao Feng**, Beihang University, Beijing, China

Title: Active control of bluff body wake using synthetic jets.

Session: Flow/Fluid Control. Special Recognition: Young Researcher

Dr. **Campbell Carter**, Air Force Research Laboratory, USA

Title: Advances in kHz Imaging Diagnostics for Practical Problems.

Session: Measurements

Prof. **Stanislav Gordeyev**, University of Notre Dame, USA

Title: Aero-Optical Effects to Study Flow Dynamics at Hypersonic Speeds.

Session: Measurements

Prof. **Nobuyuki Fujisawa**, Niigata University, Japan

Title: Visualization of Liquid Droplet Impingement and Erosion Mechanism on Rough Surface.

Session: Visualization

Prof. **Shinichiro Ito**, Kogakuin University, Japan

Title: Memories of Prof. Nakayama and Dedicated presentation to Prof.

Nakayama, "PIV analysis and aerodynamic vibration on the soccer ball wake".

Session: Visualization

Prof. **Jan Stasiek**, Gdansk University of Technology, Poland

Title: Liquid Crystals, PIV and IR-Photography in Selected Technical and Biomedical Applications.

Session: Visualization

Dr. **Christopher Limbach**, Texas A&M University, USA

Title: Visualization and Applications of Femtosecond, Nanosecond and Dual-Pulsed Laser-Induced Plasmas.

Session: Visualization. Special Recognition: Young Researcher

FLUCOME 2017 Invited Lectures (Notre Dame Workshop on Plasma Aerodynamics)

Dr. **Nicolas Benard**, University of Poitiers, France

Title: Linear surface plasma actuator, a useful device for manipulation of coherent vortices in turbulent flows.

Session: ND Workshop

Prof. **Thomas Corke**, University of Notre Dame, USA

Title: Cross-Flow Transition Control at Mach 6 Using Patterned Discrete Roughness.

Session: ND Workshop

Dr. **Pavel Georgievsky**, Institute of Mechanics MSU, Moscow, Russia

Title: Thermal Spike Conception for Supersonic Flow Control and Wave Drag Reduction of Bodies.

Session: ND Workshop

Dr. **Marios Kotsonis**, Delft University of Technology, Netherland

Title: Towards control of swept wing transition using plasma actuators.

Session: ND Workshop

Prof. **Jonathan Poggie**, Purdue University, USA

Title: Controlling Compressible, Turbulent Flow with Plasmas: A Review.

Session: ND Workshop

Dr. **Andrey Starikovskiy**, Princeton University, USA

Title: Dynamic Stall Control at High Angle of Attack by NS Pulsed Actuator.

Session: ND Workshop