

Day	14 March (Wednesday)	15 March (Thursday)	16 March (Friday)
Time slot			
8:30 – 9:00	Opening		
	Session A: Experimental I	Session C: Actuator Development	Session E: Experimental II
9:00 – 10:00	Keynote 1: Prof. Kwing-So Choi New strategies in leading-edge flow separation control using plasma actuators	Keynote 3: Dr. Jochen Kriegseis DBD based Boundary-Layer Control - Characterization and Application	Keynote 5: Prof. Thomas Corke Active Turbulent Boundary Layer Drag Reduction Using Pulsed-DC Plasma Actuator
10:00 – 10:20	A1 Tang et al. Nanosecond Pulse Frequency Effects of Dielectric Barrier Discharge Plasma Actuator for Flow Separation Control over a NACA 0012 Airfoil	C1 Venkata et al. Characterisation of spray-printed DBD plasma actuators	E1 Starikovskiy et al. RC Helicopter lift force increase in hover mode by NS-SDBD plasma actuators
10:20 – 10:40	A2 Starikovskiy et al. Dynamic stall control by NS SDBD actuator for forward and reverse flow	C2 Chiatto et al. Towards a flow control method based on PSJ actuators: a feasibility study	E2 Matsunuma et al. Effects of Duty Ratio on Tip Leakage Flow Control of Gas Turbine Rotor Blades Using Ring-type DBD Plasma Actuators
10:40 – 11:00	Coffee	Coffee	Coffee
11:00 – 11:20	A3 Messanelli et al. Characterization of pulsed corona actuators for separation control	C3 Moralev et al. Turbulence generation by DBD plasma actuators	E3 Baranov et al. Suppression of stationary cross-flow vortices on the swept wing by dielectric barrier discharge
11:20 – 11:40	A4 Wong et al. Influence of burst-modulated frequency on sawtooth DBD plasma actuator for flow separation control	C4 Göksel LDA electric wind velocity measurements behind single dielectric barrier, multi dielectric barrier and sliding discharge plasma actuators	E4 Zong et al. Effect of velocity ratio on interaction between plasma synthetic jets and a subsonic turbulent boundary layer.
11:40 – 12:00	A5 Baleriola et al. Effect of surface curvature on a wall jet induced by a multi-DBD actuator	C5 Moralev et al. Electrode erosion in DBD plasma actuators	E5 Baranov et al. Transition control by dielectric barrier discharge in a swept wing boundary layer at elevated free stream turbulence
12:00 – 12:20		C6 Matsuno et al. Trielectrode Plasma Actuator for Enhanced Thrust Generation	
[end] – 14:00	Lunch	Lunch	Lunch
	Session B: Numerical studies	Session D: Q-DC Discharge	Session F: High-Speed Flows
14:00 – 14:20	Keynote 2: Prof. Kozo Fuji Three flow structures behind flow control authority of DBD-PA:	Keynote 4: Prof. Sergey Leonov Q-DC electrical discharge in supersonic flow: morphology, dynamics, and flow control	F1 Lu et al. Study on the effects of plasma actuators on the flow over a projectile
14:20 – 14:40	What we learned from high-fidelity simulations and related experiments		F2 Joussot et al. Modification of hypersonic and supersonic rarefied flows with plasma actuators
14:40 – 15:00			F3 Wu et al. Plasma actuator array for shock wave/boundary layer interaction control
15:00 – 15:20	B1 Babou et al. Assessment of simple Dielectric Barrier Discharge actuator model with a commercial flow solver WITHDRAWN B2 Dörr et al. Numerical Investigations on TS-Wave Attenuation Using Plasma Actuator Vortex Generators	D1 Firsov et al. Jet type instability of long spark electrical discharge applied for mixing enhancement	F4 He et al. Investigation of supersonic inlet flow control based on plasma discharge technology
15:20 – 15:40	B3 Altintas et al. Dielectric Barrier Discharge plasma actuator with periodic spatial oscillations	D2 Firsov et al. Distributed plasma-assisted combustion system in supersonic flow	Closing
15:40 – 16:00	Coffee	Coffee	
16:00 – 16:20	B4 Guo et al. Control of Nonlinear Traveling Crossflow Disturbances Using Plasma Actuators	Open discussion	
16:20 – 16:40	B5 Ioannou et al. Mixing enhancement for turbulent jets with plasma actuator control		
16:40 – 17:00			
18:00 – 22:00	Lab Tour?	Social program/dinner	