ISPIV 2017 Program

June 18 (Sun)		June 19 (Mon)			June 20 (Tue)			June 21 (Wed)			June 22 (Thu)	
	8:30	Opening			Registration			8:30	Registration			8:30	3D PIV Registration
	9:00	Plenary Lecture 1 The role of particle image velocimetry in industrial R&D - the tricky balance between customers' wishes, cost and the limits of physics - Dr. Christian Willert(DLR, Germany)			Plenary Lecture 3 Particle Image Velocimetry reinvented - Prof. Fulvio Scarano(Delft University of Technology, Netherlands)			9:00	**(W1) Advanced Measurements 2** **Keynote Lecture 13** 3-D velocity measurement of particles by a single camera using Doppler phase-shifting holography - Prof. Nao Ninomiya (Utsunomiya University, Japan)	**(W2) Industrial Applications 1** **Keynote Lecture 14** A discussion on force estimation using Eulerian and Lagrangian frameworks - Prof. David Rival(Queen's University, Canada)	**(W3) LIF** **Keynote Lecture 15** Combined planar velocity and scalar measurements for reacting flow investigations. - Prof. Bertrand Lecordier (University of Rouen, France)	9:00	**Short Course on 3D PIV (1)** **Instructors:** - Dr. Andreas Schroder - Prof. Fulvio Scarano
	9:40	Coffee Break			Coffee Break			9:30	ISPIV-201	ISPIV-273	ISPIV-195		
	10:00	**(M1) Time-Resolved PIV** **Keynote Lecture 1** Time-resolved high-resolution 3D PTV investigations of near-wall turbulence - Prof. Christian Kähler (Bundeswehr University Munich, Germany)	**(M2) Multi-Phase Fow 1** **Keynote Lecture 2** Experimental techniques and phase-discrimination strategies for velocity and size measurements in two phase flows - Prof. Giampaolo Romano("La Sapienza" University in Roma, Italy)	**(M3) Aerodynamics 1** **Keynote Lecture 3** Experimental Investigations of Wind Turbine Aeromechanics and Wake Interferences in Onshore and Offshore Wind Farms - Prof. Hui Hu(Iowa State University, USA)	**(T1) 3D PIV/PTV 1** **Keynote Lecture 7** Dense 3D Lagrangian Particle Tracking using Shake-The-Box – A new key for experimental fluid mechanics - Dr. Andreas Schröder(DLR, Germany)	**(T2) Bio/Micro Flows** **Keynote Lecture 8** PIV study on flow in eye - Prof. Jun Sakakibara(Meiji University, Japan)	**(T3) Hydrodynamics** **Keynote Lecture 9** PIV measurements of vortex dynamics in wakes and separated flows: Proper orthogonal decomposition and dynamic mode decomposition analysis - Prof. Yingzheng Liu(Shanghai Jiao Tong University, China)	9:45	ISPIV-216	ISPIV-117	ISPIV-301		
								10:00	ISPIV-128	ISPIV-127	ISPIV-118		
								10:15	ISPIV-030	ISPIV-162	ISPIV-087		
								10:30	Coffee Break				
									(W4) Aerodynamics 2	**(W5) Industrial Applications 2**	**(W6) Tomographic PIV 1**		
								10:45	ISPIV-097	ISPIV-181	ISPIV-119		
								11:00	ISPIV-100	ISPIV-171	ISPIV-138	10:30	Coffee Break
	10:30	ISPIV-022	ISPIV-263	ISPIV-019	ISPIV-089	ISPIV-317	ISPIV-254	11:15	ISPIV-225	ISPIV-287	ISPIV-095		
	10:45	ISPIV-104	ISPIV-062	ISPIV-058	ISPIV-113	ISPIV-054	ISPIV-079	11:30	ISPIV-234	ISPIV-214	ISPIV-196		
	11:00	ISPIV-215	ISPIV-116	ISPIV-146	ISPIV-115	ISPIV-177	ISPIV-080	11:45	ISPIV-248	ISPIV-324	ISPIV-311	10:50	**Short Course on 3D PIV (2)** **Instructors:** - Dr. Andreas Schroder - Prof. Fulvio Scarano
	11:15	ISPIV-298	ISPIV-134	ISPIV-168	ISPIV-147	ISPIV-304	ISPIV-103	12:00	ISPIV-267	ISPIV-099	ISPIV-112		
	11:30	ISPIV-137	ISPIV-213	ISPIV-247	ISPIV-176	ISPIV-315	ISPIV-107	12:15	ISPIV-037	ISPIV-303	ISPIV-170		
	11:45	ISPIV-149	ISPIV-244	ISPIV-186	ISPIV-264	ISPIV-300	ISPIV-310						
	12:00	Lunch			Lunch (SC Meeting)			12:30	Lunch			12:00	Lunch
	13:00	**Plenary Lecture 2** Micro-PIV: The First Twenty Years - Prof. Carl Meinhart(University of California Santa Barbara, USA)			**Plenary Lecture 4** Space experiments and application of PIV techniques for the study of instability mechanisms of thermocapillary convection - Prof. Koichi Nishino and Taishi Yano(Yokohama National University, Japan)				**(W7) Advanced Measurement 3**	**(W8) Multi-Phase Fow 2**	**(W9) Tomographic PIV 2**		
	13:40	Short Break			Short Break			13:30	ISPIV-227	ISPIV-179	ISPIV-131		
								13:45	ISPIV-120	ISPIV-237	ISPIV-160		
								14:00	ISPIV-088	ISPIV-060	ISPIV-161	13:00	**Short Course on 3D PIV (3)** **Instructors:** - Dr. Andreas Schroder - Prof. Fulvio Scarano
								14:15	ISPIV-165	ISPIV-278	ISPIV-193		
	13:50	**(M4) Advanced Measurements 1** **Keynote Lecture 4** In vivo X-ray PIV Measurements of Circulatory Blood Flows - Prof. Sang Joon Lee(Pohang University of Science and Technology, Korea)	**(M5) Boundary Layers** **Keynote Lecture 5** A new kind of bypass transition: experimental exploration on the laminar bounday layer transition induced by vortex - Prof. Jin-Jun Wang(Beijing University of Aeronautics and Astronautics, China)	**(M6) Scalar Transport/ Jet Flows** **Keynote Lecture 6** Particle Diffusometry - Prof. Steven Wereley(Purdue University, USA)	**(T4) 3D PIV/PTV 2** **Keynote Lecture 10** Design & Implementation of a Multi-Camera 3D-PTV System - Prof. Dana Dabiri(University of Washington, in Seattle, USA)	**(T5) Algorithm** **Keynote Lecture 11** Fluid-structure interactions of membrane wings - Prof. Bharath Ganapathisubramani(University of Southampton, UK)	**(T6) Pressure Field/ Post-Processing** **Keynote Lecture 12** Adverse pressure gradient boundary layers: PIV and HW experimental investigation - Prof. Stefano Discetti(Universidad Carlos III de Madrid, Spain)	14:30	ISPIV-093	ISPIV-284	ISPIV-197		
								14:45	ISPIV-183	ISPIV-314	ISPIV-308		
								15:00	Coffee Break			14:50	Coffee Break
									(W10) Large Scale PIV	**(W11) Industrial Applications 3**	**(W12) Microfluidics**		
	14:20	ISPIV-136	ISPIV-057	ISPIV-133	ISPIV-126	ISPIV-288	ISPIV-205	15:15	ISPIV-261	ISPIV-309	ISPIV-027		
	14:35	ISPIV-070	ISPIV-081	ISPIV-282	ISPIV-169	ISPIV-289	ISPIV-189	15:30	ISPIV-155	ISPIV-111	ISPIV-083		
	14:50	ISPIV-206	ISPIV-154	ISPIV-187	ISPIV-091	ISPIV-313	ISPIV-198	15:45	ISPIV-203	ISPIV-312	ISPIV-102	15:10	**Short Course on 3D PIV (4)** **Instructors:** - Dr Andreas Schroder - Prof. Fulvio Scarano
	15:05	ISPIV-294	ISPIV-210	ISPIV-256	ISPIV-032	ISPIV-158	ISPIV-296	16:00	ISPIV-208	ISPIV-321	ISPIV-253		
	15:20	ISPIV-228	ISPIV-243	ISPIV-175	ISPIV-130	ISPIV-188	ISPIV-122	16:15	ISPIV-235	ISPIV-219	ISPIV-252		
	15:35	ISPIV-295	ISPIV-280	ISPIV-231	ISPIV-212	ISPIV-094	ISPIV-268	16:30	ISPIV-285	ISPIV-190	ISPIV-293		
	15:50	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break	16:45	ISPIV-085	ISPIV-191	ISPIV-306		
(16:00-18;00) Registration	16:10	ISPIV-059	ISPIV-056	ISPIV-026	ISPIV-222	ISPIV-050	ISPIV-106						
	16:25	ISPIV-110	ISPIV-251	ISPIV-051	ISPIV-109	ISPIV-063	ISPIV-150						
	16:40	ISPIV-274	ISPIV-320	ISPIV-071	ISPIV-166	ISPIV-207	ISPIV-172						
	16:55	ISPIV-250	ISPIV-233	ISPIV-090	ISPIV-167	ISPIV-042	ISPIV-020						
	17:10	**(MP) Poster Session 1**			**(TP) Poster Session 2**			17:00	Closing			17:00	Closing
(18:00-20:00) Welcome Reception		(18:10-20:10) IS & ISC Meeting			(18:10-18:30) Award Ceremony and Speech (18:30-20:30) Banquet								