

# Program

## November 16 (Mon) : Workshop Day 1

Conference Room Open: 9:00

		Speaker	Affiliation	Title
9:30-9:40	Opening	Hideo Takezoe	Toyota Physical and Chemical Research Institute (Japan)	
<b>Morning Session 1</b>		<b>(Chair: Lavrentovich)</b>		
9:40-10:15	I-1 (Invited Talk 1)	Noel A. Clark	University of Colorado, Boulder (USA)	Recent results on bent core liquid crystals
10:15-10:50	I-2 (Invited Talk 2)	Ivan Dozov	The University of Picardy Jules Verne (France)	Microscopic and macroscopic elasticity of the twist-bend nematic phase: coarse-grained model
10:50-11:10	O-1 (Oral Presetaion 1)	Grzegorz Pajak	Jagiellonian University (Poland)	Phenomenological theory of modulated nematic phases
11:10-11:30	<b>(Coffee Break)</b>			
<b>Morning Session 2</b>		<b>(Chair: Dozov)</b>		
11:30-12:05	I-3 (Invited Talk 3)	Oleg Lavrentovich	Kent State University (USA)	Electrooptics of heliconical nematics and cholesterics
12:05-12:40	I-4 (Invited Talk 4)	Antal Jáklí	Kent State University (USA)	Flexible bent-core materials: magnetic effects and second harmonic signals
12:40-13:40	<b>(Lunch Break)</b>			
<b>Afternoon Session 1</b>		<b>(Chair: Jáklí)</b>		
13:40-14:00	O-2 (Oral Presetaion 2)	Corrie T. Imrie	The University of Aberdeen (UK)	Structure-property relationships in twist-bend nematogens
14:00-14:20	O-3 (Oral Presetaion 3)	Georg Mehl	University of Hull (UK)	The investigation of dimers and oligomers with two nematic phases
14:20-14:55	I-5 (Invited Talk 5)	Atsushi Yoshizawa	Hirosaki University (Japan)	Flexible liquid crystal trimers stabilizing chiral conglomerates
14:55-15:15	<b>(Coffee Break)</b>			
<b>Afternoon Session 2</b>		<b>(Chair: Yoon)</b>		
15:15-15:50	I-6 (Invited Talk 6)	Ramarao Pratibha	Raman Research Institute (India)	Induced dark mesophases formed by bent-core molecules
15:50-16:25	I-7 (Invited Talk 7)	Alexey Eremin	Otto-von-Guericke-University Magdeburg (Germany)	Bent-core ferroelectrics in bulk and thin films: Emergence of sterically stabilized polar order in liquid crystalline phases
16:25-16:45	O-4 (Oral Presetaion 4)	Jagdish K. Vij	Trinity College Dublin (Ireland)	Electro-optical effects in bent-core LC systems
16:45-17:05	<b>(Free Break without Coffee)</b>			
<b>Afternoon Session 3</b>		<b>(Chair: Pratibha)</b>		
17:05-17:40	I-8 (Invited Talk 8)	Junji Watanabe	Tokyo Institute of Technology (Japan)	Various frustrated structures formed from acute-angle bent-shaped molecules
17:40-18:00	O-5 (Oral Presetaion 5)	Damian Pocięcha	University of Warsaw (Poland)	1D, 2D and 3D liquid crystalline phases formed by bent-core mesogens
18:00-18:20	O-6 (Oral Presetaion 6)	Yoichi Takanishi	Kyoto University (Japan)	Chiral effect on the SmCP structure observed by resonant x-ray scattering
19:00-21:00	<b>Mixer Party (Shabu-Shabu Restaurant)</b>			

Conference Room Close: 21:00

## November 17 (Tue) : Workshop Day 2

Conference Room Open: 9:00

		Speaker	Affiliation	Title
<b>Morning Session 1</b>		<b>(Chair: Eremin)</b>		
9:20-9:55	I-9 (Invited Talk 9)	Ewa Gorecka	University of Warsaw (Poland)	Helical nanofilaments and nanotubes from B4 materials
9:55-10:15	O-7 (Oral Presetaion 7)	Khoa V. Le	RIKEN Center for Emergent Matter Science (Japan)	Self-assembly of a dimer molecule to form diverse supermolecular architectures
10:15-10:35	O-8 (Oral Presetaion 8)	Seong Ho Ryu	Korea Advanced Institute of Science and Technology (Republic of Korea)	Confined helical nanofilament (B4) liquid crystal structures in nanobowls
10:35-10:55	<b>(Coffee Break)</b>			
<b>Morning Session 2</b>		<b>(Chair: Gorecka)</b>		
10:55-11:30	I-10 (Invited Talk 10)	Dong-Ki Yoon	Korea Advanced Institute of Science and Technology (Republic of Korea)	Orientation control of B7 phase and its application
11:30-11:50	O-9 (Oral Presetaion 9)	Min-Jun Gim	Korea Advanced Institute of Science and Technology (Republic of Korea)	Phase transition from blue phase III to blue phase I under anisotropic boundary condition
11:50-12:00	<b>Closing</b>	Noel A. Clark	University of Colorado, Boulder (USA)	
12:00-	<b>Lunch / Free Discussion / Dinner</b>			

Conference Room Close: 12:30