



COST Action IC1208

Integrating devices and materials: A challenge for new instrumentation in ICT

AGENDA

Joint 4th Management Committee Meeting (MCM4)
Meetings of Working Groups WG1–WG4
1st Industrial Advisory Board Meeting
Workshop on ***"Synthesis, devices, instrumentation, and non-display ICT applications of liquid crystals"***

Institute of Physics (IoP)
Academy of Sciences of the Czech Republic
Pod Vodarenskou vezi 1, 182 21 Prague 8 (Czech Republic)
18-19 September 2014

AGENDA — Thursday 18 September

Time	Duration	Event	Comments
8:00-8:30	30 min	Registration	Registration desk will be opened till 12:00
8:30-8:35	5 min	Welcome announcements	Posters hung before 9:45 (see list of posters)
8:35-9:45	70 min	4th MC meeting (MCM4) (IAB members invited)	Lecture room - MC members only
8:45-10:35	110 min	Excursions to PALS and IoP Labs (in parallel to MCM4)	Follow instructions of Local Organizers: Registration is mandatory
9:45-10:05	20 min	Coffee break	Coffee, tea, water, small snack
10:05-11:25	80 min	IAB meeting	Room 117 - invited participants only
10:05-11:25	80 min	Poster session	Lecture room - (see list of posters)
11:25-12:25	60 min	WG4 meeting	Includes Web page, Prospective & Dissemination Boards. IAB members invited.
12:30-14:00	90 min	Lunch	at the canteen (5 min on foot, price 100-150 CZK; cash only)
14:00-14:50	50 min	Workshop I	Oleg Lavrentovich (US) <i>Living liquid crystals: Bacterial suspensions in lyotropic chromonic liquid crystals</i>
14:50-15:40	50 min	Workshop I	Bruno Piccirillo (IT) <i>Generation and control of complex light with liquid-crystal based devices</i>
15:40-16:10	30 min	Coffee break	Coffee, tea, water, small snack
16:10-17:00	50 min	Workshop II	Morten Geday (ES) <i>Liquid crystal devices in space applications</i>
17:00-17:50	50 min	Workshop II	Roberto Caputo (IT) <i>Liquid Crystals, Polymers and more</i>
18:10		Departure from IoP to Boat trip	Follow instructions of Local Organizers.
19:00-22:00	180 min	Boat trip with dinner	Follow instructions of Local Organizers. Registration is mandatory.

AGENDA — Friday 19 September - morning

Time	Duration	Event	Comments
8:30-9:20	50 min	Workshop III	Gabriella Cipparrone (IT) <i>Soft matter based chiral optomechanics: perspectives for optofluidics and microphotonic</i>
9:20-10:10	50 min	Workshop III	Nelson Tabirian (US) <i>The 4th Generation of Optics</i>
10:10-10:30	20 min	Coffee break	Coffee, tea, water, small snack
10:30-12:30	120 min	WG1-WG2-WG3 joint meeting: (S1)	Invited experts: Tomasz Matuszczyk (FLCE) Eugen Onac (Philips Research)
10:30-10:45	15 min	WG1-WG2-WG3 joint meeting: STSM presentation	Silvia Tofani (IT) <i>Experimental investigation of dielectric and conductive polymers at THz frequency range: scientific report for COST action in Warsaw Military University of Technology</i>
10:45-11:00	15 min	WG1-WG2-WG3 joint meeting: STSM presentation	Olga Chojnowska (PL) <i>Viscosity measurement in liquid crystal materials</i>
11:00-11:15	15 min	WG1-WG2-WG3 joint meeting: STSM presentation	Katarzyna Milewska (PL) <i>Separation of enantiomers of some racemic materials by HPLC</i>
11:15-11:30	15 min	WG1-WG2-WG3 joint meeting: STSM presentation	Nikola Ilic (RS) <i>Characterization of multiferroic bismuth ferrite powders and ceramics</i>
11:30-11:45	15 min	WG1-WG2-WG3 joint meeting: STSM presentation	Amanda García (ES) <i>Single walled carbon nanotubes reorientation in nematic liquid crystals</i>
11:45-12:00	15 min	WG1-WG2-WG3 joint meeting: STSM presentation	Enrique Iborra (ES) <i>Scientific collaborations between University of Uppsala and Universidad Politécnica de Madrid</i>

AGENDA — Friday 19 September - afternoon

Time	Duration	Event	Comments
12:00-12:15	15 min	WG1-WG2-WG3 joint meeting: STSM presentation	Jelle De Smet (BE) <i>Hartmann-Shack wavefront analysis for smart contact lens evaluation</i>
12:15-12:30	15 min	WG1-WG2-WG3 joint meeting: STSM presentation	Teona Mirea (ES) <i>Thin film electroacoustic sensors: In-liquid and high temperature applications</i>
12:30-14:00	90 min	Lunch	at the canteen (5 min on foot, price 100-150 CZK; cash only)
14:00-16:00	120 min	WG1-WG2-WG3 joint meeting: (S2)	Newcomer group presentations and result reports
14:00-14:20	20 min	WG1-WG2-WG3 joint meeting: newcomer	Nandor Eber (HU) <i>Newcomer group presentation</i>
14:20-14:40	20 min	WG1-WG2-WG3 joint meeting: newcomer	Andres Udal (EE) <i>Newcomer group presentation</i>
14:40-15:00	20 min	WG1-WG2-WG3 joint meeting: results	Jeroen Beeckman (BE) <i>Ferroelectric thin films on silicon and glass for optical applications</i>
15:00-15:20	20 min	WG1-WG2-WG3 joint meeting: results	Ewa Gorecka (PL) <i>Metal particles forming liquid crystalline phases</i>
15:20-15:40	20 min	WG1-WG2-WG3 joint meeting: results	Jagdish Vij (IE) <i>Twist Bend Nematic phase: Recent discovery and its possible applications</i>
15:40-16:00	20 min	WG1-WG2-WG3 joint meeting: results	Romeo Beccherelli (IT) Tunable metamaterials based on nematic liquid crystals
16:00-16:05	5 min	Closing	Final remarks and considerations for next meeting.
16:05-16:30	25 min	Coffee break	Coffee, tea, water, small snack

Poster presentations

The posters had to be mounted on Thursday (September 18) during 8:00-9:45 in front of the Lecture room.

The posters will be on boards from 8:00 Thursday till 12:00 Friday.

Presenting authors are requested to be ready to present their posters on Thursday (September 18) during the poster session 10:05-11:25.

No	Presenting author	Title
P-01	Alexey Bubnov (CZ)	<i>Effect of photosensitive chiral liquid crystalline dopants on the performance of organic solar cells</i>
P-02	Yong Geng (DE)	<i>On the way to multiferroic materials: Magnetic field-induced orientational transfer in two-component colloidal suspensions of anisometric particles</i>
P-03	Peter Salamon (HU)	<i>Magnetic control of flexoelectric domains in a nematic fluid</i>
P-04	Offer Schwartzglass (IL)	<i>Multilayer, multipurpose liquid crystal sensor and readout circuitry</i>
P-05	Volodymyr Tkachenko (IT)	TBA
P-06	Milada Glogarova (CZ)	<i>Molecular tilt in the smectic A liquid crystalline phase imposed by gold nanoparticles</i>
P-07	Vladimir Srdic (RS)	<i>Fabrication of nanostructured ceramic components by ink-jet printing</i>
P-08	Eva Otón (ES)	<i>Novel beam steering based on liquid crystals</i>
P-09	David Poudereux (ES)	<i>Infiltration of a photonic crystal fiber with cholesteric and blue phase liquid crystals</i>
P-10	Mario de Miguel Ramos (ES)	<i>The influence of acoustic reflectors on the temperature coefficient of frequency of solidly mounted resonators</i>
P-11	Ugo Cataldi (CH)	<i>Active plasmonics: Growing gold nanoparticles on a flexible substrate to enable simple mechanical control of their plasmonic coupling</i>
P-12	Max Wiki (CH)	TBA
P-13	Martin Cigl (CZ)	<i>Lateral substitution of liquid crystals with azo-moiety – a way to slow down the thermal (Z)- (E)- relaxation</i>
P-14	Miguel A. la Rubia Lopez (ES)	<i>Synthesis, piezoelectric and magnetic characterization of porous lead free KNN-NTS impregnated with CoFe_2O_4</i>
P-15	Braulio García-Cámara (ES)	<i>Analysis of amplitude modulation of light through a mixture of metallic/semiconductor nanoparticles embedded in a liquid crystal for temperature sensing</i>

List of participants:

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