



# Multiscale phenomena in molecular matter

## Tuesday, July 7, 2015

### Soft Matter and Glassformers (5:00 PM - 6:30 PM)

time	[id] title	presenter
5:00 PM	[90] Molecular dynamics of some liquid crystal glass-formers	Dr KRAWCZYK, Jan
5:20 PM	[30] Peculiar thermodynamics in an orientational glass	Ms SZEWCZYK, Daria
5:35 PM	[46] Study of the reorganization of the molecules during smectic A – smectic C phase transition	Dr OSIECKA, Natalia
5:50 PM	[87] Molecular dynamics of partly fluorinated liquid crystal compounds	Mr TOMCZYK, Wojciech
6:05 PM	[83] Diffusive properties and intermolecular interactions of water molecules in neighborhood of polymer chain as seen by various simulations techniques.	Mr SARAMAK, Jakub

# Thursday, July 9, 2015

## Soft Matter and Glassformers: Soft Matter and Glassformers (9:00 AM - 11:00 AM)

time	[id] title	presenter
9:00 AM	[25] Molecular dynamics at nanometric length scales	Prof. KREMER, Friedrich
9:40 AM	[71] Vapor-deposited stable glasses of glycerol: evidence for stable glass behavior and unusual transformation kinetics into the super-cooled liquid state	Prof. WÜBBENHORST, Michael
10:10 AM	[38] Investigation of structural and dynamic properties on wide space- and time-scales by solid state NMR spectroscopy	Prof. GEPPI, Marco
10:40 AM	[58] Polymorphism and dynamics of neohexanols studied by NMR spectroscopy and relaxometry	Dr FORTE, Claudia

## Soft Matter and Glassformers: Soft Matter and Glassformers (11:30 AM - 1:30 PM)

time	[id] title	presenter
11:30 AM	[20] Multiscale behaviour of confined molecular liquids and polymers	Prof. SCHRANZ, Wilfried
12:00 PM	[26] Molecular Flexibility and Aggregation Structure of Liquid Crystals	Prof. SAITO, Kazuya
12:30 PM	[42] Self-Healing Abilities of Composites Consisting of Polymer-Brush-Afforded Silica Particles and Photoresponsive Liquid Crystals	Ms KAWATA, Yuki
12:50 PM	[114] Positron annihilation in smectic E phase of 4-alkyl- 4-isothiocyanatobiphenyls (nTCB)	Dr DRYZEK, Ewa
1:10 PM	[39] Molecular reorientations in the crystalline and amorphous therapeutic drugs	Prof. WAŚICKI, Jan

## Soft Matter and Glassformers: Soft Matter and Glassformers (5:20 PM - 6:50 PM)

time	[id] title	presenter
5:20 PM	[70] Liquid fragility as a important quantity describing the dynamic behavior of glass-forming liquids in different thermodynamic conditions	Prof. PALUCH, Marian
5:50 PM	[69] Effect of pressure on time and length scales of molecular dynamics in the density scaling regime	Dr GRZYBOWSKI, Andrzej
6:05 PM	[109] Surface modification of multiwalled carbon nanotubes (MWCNTs) for biological applications	Dr JASIURKOWSKA-DELAPORTE, Malgorzata
6:20 PM	[61] The effect of the unconventional hydrogen bond on the CH <sub>3</sub> group rotations in the acid/base molecular complexes	Prof. BATOR, Grazyna
6:35 PM	[92] New class of chiral azobenzene mesogens: 4-[(E)-(4-alkylphenyl)diazonyl]phenyl cholesteryl adipates	Prof. GALEWSKI, Zbigniew