

DRESDEN'S RESEARCHERS' NIGHT 2016

Station 10

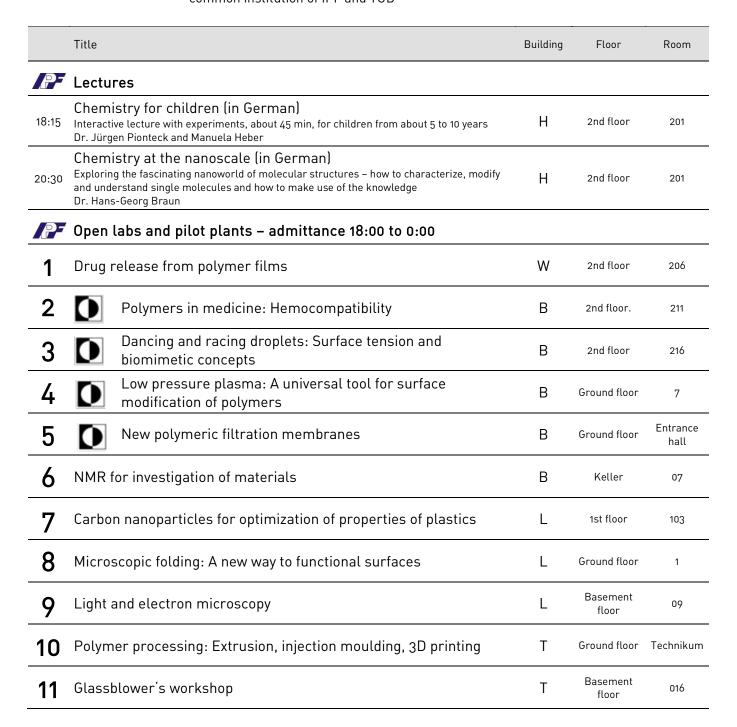
Leibniz-Institut für Polymerforschung Dresden e. V. (IPF) (Leibniz Institute of Polymer Research Dresden)

- Institute of Macromolecular Chemistry
- Institute of Physical Chemistry and Polymer Physics
- Institute of Polymer Materials
- Institute of Biofunctional Polymer Materials
- Institute of Theory of Polymers

Technische Universität Dresden

- Institute of Material Science
- Institute of Textile Machinery and High Performance Material Technology

including Max Bergmann Center of Biomaterials, common institution of IPF and TUD



12	Synthesis of biogenic 'green' polymers for new materials	Р	Ground floor	4a
13	In-line modification of 3D plastics components	Р	Ground floor	4c
14	Extreme lightweight construction with fibre-reinforced plastics	Р	Ground floor	6
15	Flexible scaffolds for tissue engineering of the cruciate ligament produced by embroidery technique	Р	Ground floor	6
16	Materials testing, e.g. with rubber	Н	2nd floor	216
17	IR spectroscopy to investigate and identify materials	Н	2nd floor	213
18	Microplastics in the environment: Identification and pathways of entry	Н	2nd floor	211
19	Chromatography for investigation of substances	Н	2nd floor	224
20	Fibre-matrix adhesion as a crucial parameter in fibre-reinforced plastics	Н	1st floor	119
21	Spinning of polymer fibres	Н	Ground floor	9
22	Surface analysis: Wetting phenomena	Н	Ground floor	17
23	Spirit level: Production of devices for research	Н	Ground floor	11
24	Polymer materials for lithium-sulfur batteries	Н	Basement floor	012a
0	Discover micro and nanoworld (scanning microscopy) Microorganisms swimming in microdrops Perception of the environment (gas detection)	В	4th floor	
	Clothing: from the scanner to the product	Н	1st floor	142
P	Further Activities			
	Art exhibition: Water-colour and reverse-glass paintings of Georg Heider	Н	Ground floor	Foyer
	Interactive show cases: ultrahydrophobic surface (dexterity puzzle), spin-coater to produce thin films	Н	1st floor	Foyer
from 19:15	Do-it-yourself experiments (for children)	В	Ground floor	1
	Quiz	Н,В	Ground floor	Entrance
	Snacks, drinks and live music with ZUGABE		Courtyard	