



## Agenda

22. September 2017



09:30	Overview over the group activities	Wilhelm, Manfred
10:00	Model comb polymers: synthesis, characterization, rheology and foam properties	Abbasi, Mahdi
10:10	Rheological properties of fresh concrete – Molecular origin analyzed by novel combined methods	Figuli, Roxana
10:20	Polyelectrolyte Hydrogels with Various Network Architectures and their Use as Separation Media	Arens, Lukas
10:30	Hydrogels as Separation Media Based on Defined Pore Sizes	Pfeifer, Christoph
10:40	Mechanical Nonlinear Behavior $Q_0(\omega)$ of Homopolymer Polymer Melts	Cziep, Miriam
10:50	Investigation of Large Amplitude Oscillatory Shear on Diblock Copolymer Morphology	Heck, Matthias
11:00	Investigation of Cross-linked Rubber Aging by FT-Rheology	Nie, Shouliang
11:15 Kaffeepause (11.21, SR 104)		
11:40	$^1H$ PFG-NMR Diffusion Studies of Polymer Solutions	Guo, Xiaoi
11:50	Analysis of mechanical fatigue via Fourier transform of the stress	Hirschberg, Valerian

12:00	Development of IR Spectrometers as Chemically Sensitive Online Detectors for SEC	Kübel, Jennifer
12:10	Advances in the coupling of SEC with MR-NMR	Höpfner, Johannes
12:20	SEC Optimization for Improved S/N when Coupled to MR-NMR	Botha, Carlo
12:30	Time-domain Rheo-NMR development	Ratzsch, Karl
12:40	Crystallization of isotactic Polypropylene Studied by Hyphenated Rheology Techniques	Räntzsch, Volker
12:50	Investigation of Nucleating Agent Effects on HDPE Crystallization Kinetics via the RheoNMR Method	Özen, Mürüvvet Begüm
13:00 Mittagessen (MZE, B. 30.48, SR 017)		
Besichtigung der Laboratorien im MZE Posterdiskussion		
14:30	Fat cyrstallisation in food science	Klein, Christopher
14:40	TD-NMR and Rheology on Partially Deuterated Polymers	Keller, Jonas
14:50	Spinning of model polymers - detection of instabilities	Riazi, Kamran
15:00	Entropy wheel- It keeps turning	Naue, Ingo
Ab 15:30	Besichtigung der Laboratorien (MZE + 11.23) Möglichkeit zur Diskussion (11.21 SR 104 oder MZE, Seminarraum)	
Ab 18:30	Treffen im Nebenraum des „Vogelbräu“ Kapellenstraße 46, Tel. 0721 377571	

## Vorträge, Besichtigung

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Vorträge in Geb.11.21, HS 006  
Gedruckte Artikel in Geb. 11.23, 3.OG  
Poster in MZE, Geb. 30.48, Seminarraum 017  
Diskussionsmöglichkeit: 11.21, SR 104 & MZE

## Mittagessen

### MZE, Seminar room 017, Geb. 30.48



Buffet (Fingerfood), verfügbar bis 16:00 Uhr

## Abendprogramm

### Vogelbräu

Brauereilokal (Tel. 0721 377571)  
Kapellenstraße 46  
76131 Karlsruhe

## Informationsmaterial

### Artikel Wilhelm 2015- 2017

11.23, 3rd floor  
Printout & USB-Stick

### Poster Alumni-Meeting

In MZE, Geb. 30.48  
Ground Floor,  
Seminarraum 017