

# 2018 年高分子流变学国际暑期讲习班

## Short Course of Polymer Rheology

讲习班地点：南京大学国际会议中心中大报告厅（二楼西侧）

	Theme	Lecturer
<b>8.18</b>		
14:00-22:00	Registration（南京大学国际会议中心一楼大厅）	
18:00-19:30	自助餐（一楼）	
<b>8.19</b>		
8:30-8:40	Opening Ceremony	
8:40-9:40	An Overview of Polymer Rheology	Wei Yu
	Coffee Break	
10:00-11:00	Basic Concepts of Flow	Hassager
11:10-12:10	Linear Viscoelasticity	
12:10-13:30	自助餐（一楼）	
13:30-14:30	Dynamics of Associative Polymers	Quan Chen
14:40-15:40	Sol-Gel Transition Characterized by Time-resolved Mechanical Spectroscopy	Xiaoliang Wang
	Coffee Break	
16:00-18:00	Exercise 1, 2	Hassager
18:00-19:30	自助餐（一楼）	
<b>8.20</b>		
8:40-9:40	Practice of Linear and Non-linear Experiments	Runming Li (TA)
	Coffee break	
10:00-11:00	Non-linear Viscoelasticity 1	Hassager
11:10-12:10	Molecular Theory 1	
12:10-13:30	自助餐（一楼）	
13:30-14:30	Rheological Behavior of Rubber Composites	Yihu Song
14:40-15:40	Cracking the Whip in Driven Polymers	Wenbing Hu
	Coffee Break	
16:00-18:00	Exercise 3, 4	Hassager

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18:00-19:30	自助餐（一楼）	
<b>8.21</b>		
8:40-9:00	Combined Rheological Methods	Tingfu Liu (Anton Paar+)
9:00-9:40	Application of Rheometer in Polymer Preparation Introduction of FTIR/RAMAN Spectrometer + Rheometer Combination	Minqin Zhu Wenbin Sun (Thermo)
	Coffee Break	
10:00-11:00	Non-linear Elasticity and Viscoelasticity 2	Hassager
11:10-12:10	Molecular Theory 2	
12:10-13:30	自助餐（一楼）	
13:30-14:30	Linear Viscoelasticity and Microstructural Basis	Xuefeng Yuan
14:40-15:40	General Viscous Liquid and Rheometry	
	Coffee Break	
16:00-18:00	Exercise 5, 6	Hassager
18:00-19:30	自助餐（一楼）	
<b>8.22</b>		
8:40-9:10	Application of DMA in Polymer Research	Linting Fan (Mettler)
9:10-9:40	Best Practices & Advanced Techniques with Rotational & Capillary Rheometers	Kai Yang (Marlven)
	Coffee Break	
10:00-12:10	Extensional Rheology	Hassager
12:10-13:30	自助餐（一楼）	
13:30-14:30	Nonlinear Viscoelasticity and Microstructural Basis of Nonlinear Phenomena	Xuefeng Yuan
14:40-15:40		
	Coffee Break	
16:00-18:00	Exercise 7, 8	Hassager
18:00-19:30	自助餐（一楼）	

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## Lecturers:

### 1. Ole Hassager, Professor,

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### 3. Wei Yu, Professor,

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## 南大国际会议中心二楼会场分布位置图

