

Anton Paar Nordic Rheology Power Week 2019

Venue: Anton Paar Nordic Headoffice
Hästvägen 4E | 212 35 Malmö | Sweden
November 18 – 22, 2019

November 18 – 19: Basics of Rheology, 2 day seminar

November 20: RheoCompass™ Software Training

November 21: Rheology of Polymers, 1 application day

November 22: Rheology of Paints and Coatings ½ application day, morning

November 22: Rheology of Food 1/2 application day, afternoon

Dear valued customers,

Anton Paar Nordic AB invites you to the “Rheology week 2019”. This workshop is targeted to people interested in a two-day Rheology basics seminar, RheoCompass™ Software Training or the single applications for polymers, paints & coatings, or food. It is possible to participate in the basic Rheology seminar, RheoCompass™ Software Training or single application days, or all together in one week.

Mr Markus Nemeth

Graduated with a degree in Chemical Engineering at the University of Applied Sciences Esslingen, Germany. During the past eight years with Anton Paar, Markus has gained a vast of experience in the field of practical rheology. He is a frequent speaker at seminars and trainings for companies and institutes from a wide range of technical branches around the world. These seminars provide information on the basics of rheology and rheometry and the useful transfer of this knowledge into industrial practice.



Program

November 18 Day 1 Rheology Basics Seminar part 1

08:30	Registration and coffee
09:00	Anton Paar introduction
09:30	Introduction: Rheology and viscosity Test methods: From empirical to absolute measurements Definitions: Shear stress, shear rate, viscosity
10:00	Coffee break
10:15	Rotational tests and their application Types of flow behavior
11:15	Short break
11:30	Types of flow behavior, thixotropy, temperature dependency
12:30	Lunch
13:30	Avoiding measurement errors
15:00	Coffee break
15:30	Problem solving with rheometry – workshop in small groups
17:00	End
18:00	Dinner

November 19 Day 2 Rheology Basics Seminar part 2

09:00	Introduction visco-elastic behavior Definitions: Deformation, shear moduli, ideal elastic behavior, Introduction to oscillatory tests
10:30	Coffee break
10:45	Oscillatory measurements and their applications, amplitude sweep
11:45	Short break
11:50	Oscillatory measurements and their applications, frequency sweep
12:30	Lunch
13:30	Time-dependent visco-elastic behavior: recovery, gelling, curing Temperature dependent visco-elastic behavior: DMTA, gelling, curing
15:00	Coffee break
15:15	Problem solving with rheometry – workshop in small groups
16:30	End

November 20
Day 3 RheoCompass™ Software Training

08:30	Registration and coffee
09:00	Anton Paar introduction
09:15	Introduction to RheoCompass™
10:30	Coffee break
11:00	Setup of Measurements, Analysis, Reports, etc.
13:30	Special Settings, First Practical Measurements on MCR Rheometers
15:00	Coffee break
15:30	Practical Measurements on MCR Rheometers
16:30	Final Discussion
17:00	End

November 21
Day 4 Rheology of Polymers

09:00	Determination of appropriate tests to characterize polymers and interpret the data generated (flow curves, amplitude and frequency sweeps, DMA)
10:30	Coffee break
10:45	Characterization of the changes in viscoelastic properties over a range of Temperatures

12:00	Lunch
13:00	Identification of melt temperatures, glass transition temperatures, and curing kinetics
15:00	Utilization of the appropriate measuring hardware based upon the sample to be measured
17:00	End

November 22
Day 5 Rheology of Paints and Coatings, morning

09:00	Rheology of paints and coatings Rotational and oscillatory tests Evaluation methods and diagrams (yieldpoint, thixotropy, sagging, etc.)
10:00	Coffee break
10:30	Special tests like curing, adhesion, drying, Discussion of applicative questions
12:00	Lunch

Day 5 Rheology of food, afternoon

13:00	Rheology of foods Rotational and oscillatory tests Evaluation methods and diagrams (yieldpoint, thixotropy, etc.)
14:30	Coffee break
15:00	Special tests like mouth feel (tribology), drying, temperature dependency, etc. Discussion of applicative questions
16:30	Final discussion + End

Registration

The seminar will take place from November 18 – 22, 2019 at the Venue:
Anton Paar Nordic Headoffice in Malmö and will be held in English by Markus Nemeth.

For online registration please click the link below:
www.anton-paar.com/no-en/services-support/seminars/detail/event/anton-paar-nordic-rheology-power-week-2019/

Please choose from the possibilities below to participate.

I am registering for the following Anton Paar seminar packages (lecturer: Markus Nemeth):

Basics of Rheology – seminar

Venue: Anton Paar Headoffice, Malmö

- November 18 – 19:** 2 day seminar incl. 2 hotel nights. Price: SEK 14 300 excl. VAT (check-in November 17, check-out November 19)
- November 18 – 19:** 2 day seminar incl. 1 hotel night. Price: SEK 12 650 excl. VAT (check-in November 18, check-out November 19)
- November 18 – 19:** 2 day seminar, no hotel nights. Price: SEK 11 000 excl. VAT

RheoCompass™ Software Training

Venue: Anton Paar Headoffice, Malmö

- November 20:** 1 training day incl. 1 hotel night. Price: SEK 6 050 excl. VAT (check-in November 19, check-out November 20)
- November 20:** 1 training day, no hotel night. Price: SEK 4 400 excl. VAT

Rheology of Polymers

Venue: Anton Paar Headoffice, Malmö

- November 21:** 1 application day incl. 1 hotel night. Price: SEK 6 050 excl. VAT (check-in November 20, check-out November 21)
- November 21:** 1 application day, no hotel night. Price: SEK 4 400 excl. VAT

Rheology of Paints & Coatings

Venue: Anton Paar Headoffice, Malmö

- November 22:** 1/2 application day, morning incl. 1 hotel night. Price: SEK 3 025 excl. VAT (check-in November 21, check-out November 22)
- November 22:** 1/2 application day, morning, no hotel night. Price: SEK 2 200 excl. VAT

Rheology of Food

Venue: Anton Paar Headoffice, Malmö

- November 22:** 1/2 application day afternoon, incl. 1 hotel night. Price: SEK 3 025 excl. VAT (check-in November 21, check-out November 22)
- November 22:** 1/2 application day, afternoon, no hotel night. Price: SEK 2 200 excl. VAT

Please feel free to bring your computer and samples if possible. We are looking forward to seeing you.

Contact form

Mr. _____ Mrs. _____

Name _____

Company _____

Address _____

Telephone _____

Email address _____

Please note:

The last day of registration is October 15

Contact:

info.se@anton-paar.com

For online registration please click the link below:
[www.anton-paar.com/no-en/services-support/seminars/detail/event/
anton-paar-nordic-rheology-power-week-2019/](http://www.anton-paar.com/no-en/services-support/seminars/detail/event/anton-paar-nordic-rheology-power-week-2019/)