

Anton Paar Nordic Rheology Power Week 2021

Venue: Anton Paar Nordic AB, Suomen Sivuliike
Tekniikantie 14 | 02150 Espoo | Finland
November 8-11, 2021

November 8-9: Basics of Rheology, 2 day seminar
November 10: RheoCompass™ Software Training
November 11: Rheology of Polymers, application day

Speaker Profile - Markus Nemeth



Markus Nemeth completed a degree in Chemical Engineering at the University of Applied Sciences Esslingen, Germany with the focus on paint and coatings. He has gained a wealth of experience in the field of practical rheology during the last 10 years with the rheometer manufacturer Anton Paar Germany. Meanwhile he has held seminars and trainings for employees of companies and institutes from a wide range of technical branches all over the world. These seminars are giving information on the basics of rheology and rheometry as well as on a useful transfer of this knowledge into industrial practice.

Dear valued customers,

Anton Paar Nordic AB invites you to the "Rheo Power Week 2021". This workshop is targeted to people interested in a two-day Rheology basics seminar, RheoCompass™ Software Training or the single application day for polymers. It is possible to participate separately in the basic Rheology seminar (November 8-9), RheoCompass™ Software Training (November 10), single application day (November 11), or of course join all together.



**Program: November 08
Day 1 Rheology Basics Seminar – Part 1**

08:30	Registration and coffee
9:00	Opening – Anton Paar
9:30	Introduction Rheology and Viscosity test methods: From empirical to absolute measurements; Definitions of 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	Continuation of temperature dependency and avoiding measurement errors
15:00	Coffee break
15:30	Workshop: Problem solving with rheometers
17:00	End of the seminar
19:00	Dinner

**November 09
Day 2 Rheology Basics Seminar – Part 2**

9:00	Introduction visco-elastic behavior; Definitions of 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	Workshop: Problem solving with rheometers
16:30	End

**November 10
Day 3 RheoCompass™ Software Training**

08:30	Registration and coffee
9:00	Opening – Anton Paar
9:15	Introduction to RheoCompass™
10:30	Coffee break
11:00	Setup of measurements, Analysis, Reports, etc.
12:30	Lunch
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 11
Day 4 Rheology of Polymers**

9:00	Determination of appropriate tests to characterize polymers and interpret the generated data (flow curves, amplitude and frequency sweeps, DMA in torsion, bending, tension and compression)
10:30	Coffee break
10:45	Characterization of changes in viscoelastic properties over a range of temperature
12:00	Lunch
13:00	Identification of melt temperature, glass transition temperature, and curing kinetics
15:00	Utilization of the appropriate measuring hardware based upon the sample to be measured
17:00	End

Registration

The seminar will take place from November 8-11, 2021 at the Venue (it is possible to participate in each course separately or all together): Anton Paar Nordic AB, Suomen Sivuliike, Espoo in Finland and will be held in English by Markus Nemeth.

Please send the registration to info.se@anton-paar.com

Please choose from the possibilities below to participate:

Basics of Rheology – seminar

Venue: Anton Paar Nordic AB, Suomen Sivuliike, Finland

November 8-9

2 day seminar incl. 2 hotel nights; Price: € 1,300 excl. VAT (check-in November 7, check-out November 9)

November 8-9

2 day seminar incl. 1 hotel night; Price: € 1,150 excl. VAT (check-in November 8, check-out November 9)

November 8-9

2 day seminar, without hotel reservation; Price: € 1,000 excl. VAT

RheoCompass™ Software Training

Venue: Anton Paar Nordic AB, Suomen Sivuliike, Finland

November 10

1 training day incl. 1 hotel night; Price: € 550 excl. VAT (check-in November 9, check-out November 10)

November 10

1 training day, without hotel reservation; Price: € 400 excl. VAT

Rheology of Polymers

Venue: Anton Paar Nordic AB, Suomen Sivuliike, Finland

November 11

1 application day incl. 1 hotel night; Price: € 550 excl. VAT (check-in November 10, check-out November 11)

November 11

1 application day, without hotel reservation; Price: € 400 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 4, 2021.

Contact:

info.se@anton-paar.com

**Please send the registration to
info.se@anton-paar.com**