

Anton Paar Nordic Rheology Power Week 2025

Venue: Radisson Blu Hotel Malmö
Östergatan 10 | 211 25 Malmö | Sweden
March **3-7**, 2025

- Mar 3-4:** Basics of Rheology, 2-day seminar
- Mar 5:** RheoCompass™ Software Training
- Mar 6:** Rheology of Polymers, application day
- Mar 7:** Powder Rheology workshop

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 2025”.

This workshop is targeted to people interested in a 2-day Rheology basics seminar, RheoCompass™ Software Training, single application day for Polymers or Powder Rheology workshop.

It is possible to participate separately in the basic Rheology seminar (March 3–4), RheoCompass™ Software Training (March 5), single application day (March 6), Powder Rheology (March 7) or of course join all together.



Program

Mar 3	Day 1 Rheology Basics Seminar – Part 1
08:30	Registration and coffee
09:00	Opening – Anton Paar
09:15	Introduction Rheology and Viscosity test methods: From empirical to absolute measurements; Definitions of shear stress, shear rate, viscosity
10:00	Rotational tests and their application types of flow behavior
10:30	Coffee break
10:50	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
18:00	Dinner

Mar 4	Day 2 Rheology Basics Seminar – Part 2
09:00	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	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
14:45	Coffee break
15:00	Workshop: Problem solving with rheometers
16:30	End of seminar

Mar 5	Day 3 RheoCompass™ Software Training
08:30	Registration and coffee.
09:00	Opening – Anton Paar
09:10	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
14:30	Coffee break
15:00	Practical measurements on MCR Rheometers
16:30	Final discussion
17:00	End

Mar 6	Day 4 Rheology of Polymers
08:30	Registration and coffee
09:00	Opening – Anton Paar
09:10	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 temperatures, Identification of melt temperature, glass transition temperature, and curing kinetics
12:00	Lunch
13:00	Continuation
13:30	Introduction to Raman Spectroscopy and how it can be combined with Rheology
14:30	Coffee Break
15:00	Practical measurements on Rheology, DMA and the Rheo-Raman combination
17:00	End

Mar 7	Day 5 Powder Rheology workshop - Helena Weingrill
08:30	Registration and coffee
09:00	Opening – Anton Paar
09:10	Introduction and overview Powders and particle technology, background and key features of powder rheology
10:00	Coffee break
10:15	Powder Flow Cell & Powder Shear Cell How to analyze fluidized, aerated and consolidated powders according to your application
11:45	Lunch
12:45	Powder Flow Cell & Powder Shear Cell Lab session: conducting first powder rheology measurements – attendees will work as teams on which test methods to use to understand and/or solve selected powder handling problems
14:00	Coffee Break
14:15	The session continues
15:30	End

Registration form

The seminar will take place from March 3-7, 2025 at the Venue (it is possible to participate in each course separately or all together): Radisson Blu Hotel Malmö Östergatan 10, Malmö in Sweden and will be held in English by Markus Nemeth and Helena Weingrill.

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

Please choose from possibilities below to participate. Group discounts are available. Please ask for details.

Basics of Rheology – seminar

Venue: Radisson Blu Hotel Malmö Östergatan 10, Malmö

- ☐ **Mar 3-4**
2-day seminar incl. dinner on the 3 Mar and 2 hotel nights; Price: SEK 14900 excl. VAT (check-in Mar 2, check-out Mar 4)
- ☐ **Mar 3-4**
2-day seminar incl. dinner on the 3 Mar and 1 hotel night; Price: SEK 13170 excl. VAT (check-in Mar 3, check-out Mar 4)
- ☐ **Mar 3-4**
2-day seminar incl. dinner on the 3 Mar, without hotel reservation; Price: SEK 10900 excl. VAT

RheoCompass™ Software Training

Venue: Radisson Blu Hotel Malmö Östergatan 10, Malmö

- ☐ **Mar 5**
1 training day incl. 1 hotel night; Price: SEK 6300 excl. VAT (check-in Mar 4, check-out Mar 5)
- ☐ **Mar 5**
1 training day, without hotel reservation; Price: SEK 4780 excl. VAT

Rheology of Polymers

Venue: Radisson Blu Hotel Malmö Östergatan 10, Malmö

- ☐ **Mar 6**
1 application day incl. 1 hotel night; Price: SEK 6300 excl. VAT (check-in Mar 5, check-out Mar 6)
- ☐ **Mar 6**
1 application day, without hotel reservation; Price: SEK 4780 excl. VAT

Powder Rheology workshop (held by Helena Weingrill)

Venue: Radisson Blu Hotel Malmö Östergatan 10, Malmö

- ☐ **Mar 7**
1 application day incl. 1 hotel night; Price: SEK 6300 excl. VAT (check-in Mar 6, check-out Mar 7)
- ☐ **Mar 7**
1 application day, without hotel reservation; Price: SEK 4780 excl. VAT

Registration form

Mr. _____ Mrs. _____

Name

Company _____

Address _____

Telephone _____

Email address _____

Please note:

The last day of registration January 30, 2025.

Contact for questions:

info.se@anton-paar.com

Please send the registration to:

info.se@anton-paar.com

