

## Invitation

# Discover Viscosity Techniques at Anton Paar Workshop

**September 11, 2024**

**Dear Valued Customer,**

The workshop is aimed at those who are looking to find a solution to their viscosity measurement or customers who are new to viscosity. The workshop will involve theory and practical sessions. A programme for the meeting is shown on the following pages.

**Our aim is that by the time you leave the viscosity workshop you will be able to:**

### **Practical Viscosity**

- Understand the basic theory associated with Viscosity
- Design meaningful experiments to measure viscosity of your sample
- Different ways of measuring viscosity
- Choosing spindle and speed for simple test methods
- Checking instrument performance and calibrations
- Appreciate the potential problems and pitfall in making a measurement
- Interpret the resulting data

### **Introduction to Rheology**

- Understanding shear stress and shear rates as it relates to your products and their processes
- How does rheology determine how your products flow?
- Yield stress and Thixotropy: How do they govern real-life flow?



**September 11, 2024**

# Visco Workshop Agenda

9:30 h	<b>Registration &amp; Coffee</b>
9:45 h	<b>Session 1: ViscoQC</b> → Short overview of day + team intro → Theory of Viscosity + product introduction (Brookfield comparison)
11:00 h	<b>Session 2: Hands on session (3 groups)</b> ViscoQC + accessories → Group 1: ViscoQC + PTD80 → Group 2: ViscoQC + Heli-plus → Group 3: ViscoQC + PTD100 cone/plate
12:30 h	<b>Lunch break &amp; networking (30 mins)</b>
13:00 h	<b>Session 3: Lovis &amp; SVM</b> → Theory and product introductions
13:30 h	<b>Session 4: Hands on session SVM (2 groups)</b> → Group 1: SVM 1001 Simple Fill → Group 2: SVM 3001 Cold Properties
14.45 h	<b>Short break - Refreshments</b>
15:00 h	<b>Session 5: Rheo / Characterisation</b> → Theory and product introduction. → Demo of Rheometer (if available)
16:00 h	<b>Session 6: AP Connect</b> → Overview of AP connect / Presentation
16:30 h	<b>Questions / Closure</b>
17:00 h	<b>End of workshop</b>

September 11, 2024

## Meet the team



### **Samantha McQuaid**

Samantha is our Sales and Service Manager at Anton Paar Ireland, in addition to overseeing measurement sales in the North of Ireland. With over a decade of experience in instrumentation sales, Samantha previously excelled as a General Lab and Life Science Product Specialist in previous roles. Her profound technical expertise, coupled with a strong history of supportive customer relationships, enables her to provide unparalleled service and customized solutions.

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### **Petra Livajic**

Petra serves as our esteemed Sales Engineer specializing in measurement solutions for the South of Ireland. With a tenure of four years at Anton Paar, Petra brings a wealth of expertise as a trained chemist. She adeptly applies her scientific knowledge to a range of sophisticated instruments, including those for Viscosity, Laboratory Density and Concentration, Refractive Index, Polarimetry, and beyond.

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### **Melina Much**

All the way from our headquarters in Austria, Melina Much boasts an impressive academic background, having earned her Bachelor's degree in Chemistry and Master's degree in Technical Chemistry from Graz. Since her graduation, she has been contributing her expertise at Anton Paar as a distinguished Product and Application Specialist for viscometers.

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### **Jessica O'Connell**

Jessica serves as our Inside Sales Engineer at Anton Paar Ireland, bringing her expertise in Biomedical Engineering to the team. Upon joining Anton Paar, she focused on Viscosity and Lab Density Concentration. Throughout her tenure, Jessica has not only applied her in-depth knowledge of viscosity but has also embraced new technologies within the same field, continually enhancing her expertise.

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### **Alex Henry**

Alex is our distinguished Sales Engineer specializing in Characterization for the South of Ireland. With a background in Science and a Master's degree in Materials Science and Engineering, Alex is passionate about connecting scientists with state-of-the-art materials characterization instruments. His work empowers researchers in their pursuits of quality control and innovative discoveries.

**Discover Viscosity Techniques:**

# Registration Form

**Please send the registration to [info.ie@anton-paar.com](mailto:info.ie@anton-paar.com)  
Register before September 4, 2024**

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Postcode: \_\_\_\_\_

Telephone: \_\_\_\_\_

Email: \_\_\_\_\_

- ☐ Please tick the box if you'd like to be added to our mailing list to receive information on future events, product information and company news.

**Anton Paar Ireland Ltd.**

- **Date:** September 11, 2024
- **Time:** 9.30 am to 17 pm
- **Address:** Unit 21, Grattan Business Park  
Clonshaugh Business and Technology Park  
D17 H526 Dublin | IRELAND
- **Costs:** Free