

AGENDA

Rheology Boot Camp - MCR Rheometer User Course

Day 1

Hardware and Software

9:00am	Hardware - MCR rheometer overview, installation requirements, measuring ranges, care, adjustments, calibration checks, SOP
10:30am	Break
10:45am	Hardware - MCR rheometer overview, installation requirements, measuring ranges, care, adjustments, calibration checks, SOP; software – basic layout, test definitions, tables, diagrams, configurations, service functions
12:30pm	Lunch
1:15pm	Software continued
3:00pm	Break
3:15pm	Lab session
	Hardware - MCR care, connections, exchanging chambers, front panel operations
	Software - configurations, adjustments, calibration checks (oil), temperature calibration; preinstalled templates
5:00pm	End of Boot Camp Day One
5:30pm	Optional Advanced User One-on-One Training
6:30pm	End of optional session

Day 2

Fundamentals of Rheology: Rotational Measurements - Viscosity and Flow Property Measurements

9:00am	Principles, definitions, test methods, applications, data interpretation
10:30am	Break
10:45am	Principles, definitions, test methods, applications, data interpretation; software – rotational templates and analysis methods
12:30pm	Lunch
1:15pm	Lab session – rotational testing
3:00pm	Break
3:15pm	Lab session – rotational testing
5:00pm	End of Boot Camp Day Two
5:30pm	Optional Advanced User One-on-One Training
6:30pm	End of optional session

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Day 3 **Fundamentals of Rheology: Viscoelastic Measurements – Transient and Oscillatory Measurements**

9:00am Transient measurements - principles, definitions, test methods, applications, data interpretation, software templates, and data analysis

10:30am **Break**

10:45am Oscillatory measurements - principles, definitions, test methods, applications, data interpretation, software templates, and data analysis

12:30pm **Lunch**

1:15pm Lab session – transient and oscillatory measurements

3:00pm **Break**

3:15pm Lab session – oscillatory measurements

5:00pm **End of Boot Camp Day Three**

5:30pm Optional Advanced User One-on-One Training

6:30pm **End of optional session**

Day 4 **Making Effective Measurements**

9:00am Choosing the correct measuring system
Selecting the test method that provides the desired information

10:30am **Break**

10:45am Troubleshooting problems with test settings
Mitigating errors stemming from external factors

12:30pm **Lunch**

1:15pm Lab session – identifying and mitigating errors

3:30pm **End of Boot Camp**

3:45pm Optional Ask a Rheology Q&A

5:00pm **End of optional session**