

Day 1 Hardware and Software

08:15 Registration

08:30 Hardware - overview, installation requirements, measuring ranges, care, adjustments, calibration checks

10:30 Coffee break

10:45 Software – basic layout, test definitions, tables, diagrams, configurations, service functions, modifying preconfigured apps

12:45 Lunch

13:15 Software continued

15:15 Coffee break

15:30 Lab session

Hardware - MCR care, connections, exchanging chambers and accessories, front panel operations

Software - configurations, adjustments, calibration checks, data handling, review of and modifying preconfigured apps

17:45 End of Boot Camp Day One

Day 2 Fundamentals of Rheology: Rotational Measurements - Viscosity and Flow Property Measurements

08:30 Recap of Day1

08:45 Principles, definitions, test methods, applications, data interpretation

10:30 Coffee break

10:45 Principles, definitions, test methods, applications, data interpretation, software

12:45 Lunch

13:15 Lab session – rotational measurements

15:15 Coffee break

15:30 Lab session – rotational testing

17:45 End of Boot Camp Day Two

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

08:30 Recap of Day 2

08:45 Transient measurements - principles, definitions, test methods, applications, data interpretation, software

10:30 Coffee break

10:45 Oscillatory measurements - principles, definitions, test methods, applications, data interpretation, software

12:45 Lunch

13:15 Lab session – transient and oscillatory measurements

15:15 Coffee break

15:30 Lab session – oscillatory measurements

17:45 End of Boot Camp Day Three

Day 4 Making Effective Measurements

08:30 Recap of Day 3

08:45 Choosing the correct measuring system; selecting the test method that provides the desired information

10:30 Coffee break

10:45 Troubleshooting problems with test settings; mitigating errors stemming from external factors

12:45 Lunch

Rheology Boot Camp Agenda

MCR Rheometer and DMA User Course



13:15 Data review from Day 2-3 measurements and examples for resolving measurement errors

14:30 End of Rheology Boot Camp