

### Tuesday June 24th, 2025

Time	Topic
11:45	Welcome
12:00	Particle analysis – Size & Shape (Theory) <ul style="list-style-type: none"><li>- Introduction to sample dispersion, laser diffraction and dynamic image analysis</li><li>- Insights into key applications</li></ul>
13:30	Coffee Break
13:45	Particle analysis – Size & Shape (Hands-On) <ul style="list-style-type: none"><li>- Analysis of particle size and shape with Litesizer DIF and DIA</li></ul>
16:30	End & evening activity

### Wednesday June 25th, 2025

Time	Topic
9:00	Powder Rheology (Theory & Hands-On) <ul style="list-style-type: none"><li>- Introduction to powder rheology</li><li>- Measuring methods</li><li>- Flow Cell measurements &amp; Shear Cell measurements</li></ul>
10:30	Coffee Break
10:45	Powder Rheology (Hands-On) <ul style="list-style-type: none"><li>- Flow Cell measurements &amp; Shear Cell measurements</li></ul>
12:00	Lunch
13:00	Surface area & density (Theory) <ul style="list-style-type: none"><li>- Introduction to physisorption, pycnometrie and tapped density measurements</li></ul>
14:30	Coffee Break
14:45	Surface area & density (Hands-On) <ul style="list-style-type: none"><li>- Analysis of different samples with Ultrapyc, Ultratap and Nova</li></ul>
16:00	End & free evening activities

# Powder Characterization Masterclass Germany

## Agenda

Thursday June 26th, 2025

Time	Topic
9:00	X-ray diffraction (Theory) <ul style="list-style-type: none"><li>- Introduction to X-ray powder diffraction</li><li>- Discussion of measurement examples and application fields</li><li>- Non-ambient X-ray diffraction accessories and measurements</li></ul>
10:30	Coffee Break
10:45	X-ray diffraction (Hands-On) <ul style="list-style-type: none"><li>- demonstration of measurements (live broadcast from AP Graz headquarter)</li></ul>
12:00	End & farewell