

Day 1 Morning Session - Water Vapour Sorption Basics		Day 2 Morning Session - Specific Materials & Applications	
08:30	Departure shuttle in front of the hotel	08:30	Departure shuttle in front of the hotel
08:45 -09:15	Registration of participants & welcome speech		
<b>09:15 - 10:00</b>	<b>Fundamental Aspects of Moisture Sorption</b> Humidity, water activity, water content, units, terms, definitions, etc.	<b>09:00 - 09:45</b>	<b>Invited Speaker</b> tba
<b>10:00 - 10:45</b>	<b>Moisture Interactions with Solids</b> Overview, chemical/physical changes, applications	<b>09:45 - 10:30</b>	<b>Invited Speaker</b> tba
10:45 - 11:15	Coffee Break	10:30 - 11:00	Coffee Break
<b>11:15 - 12:00</b>	<b>Moisture Sorption Isotherms</b> Types of isotherms, classification, how to read, etc.	<b>11:00 - 11:45</b>	<b>Moisture Sorption in Pharmaceuticals and Related Areas</b> Pharmaceuticals, tasks and issues, examples, patent relevance, etc.
<b>12:00 - 12:45</b>	<b>Principles of Dynamic Vapour Sorption Instruments</b> Operating principles, technical details	<b>11:45 - 12:30</b>	<b>Moisture Sorption in Food Research</b> Stability, shelf-life, amorphous content, crystallisation, etc.
12:45 - 14:00	Lunch Break	12:30 - 13:45	Lunch Break
Day 1 Afternoon Session - Calibration & Experimental Strategies		Day 2 Afternoon Session - Instrument Workshop	
<b>14:00 -14:45</b>	<b>Calibration and Validation of a Moisture Sorption Analyzer</b> Procedures, sensors and reliability considerations	<b>13:45 -14:30</b>	<b>SPS/Vsorp Moisture Sorption Instruments - Workshop part I</b> Instrument & Software Architecture, Troubleshooting, Strategies for optimized instrument settings, Min weight considerations, Data export & further processing
<b>14:45 - 15:30</b>	<b>Experimental Aspects and Strategies</b> Sample preparation, experimental setup, complementary techniques		
15:30 - 16:00	Coffee Break	14:30 - 15:00	Coffee Break
<b>16:00 - 16:45</b>	<b>Interpretation and Evaluation of measurements</b> Representative examples, hydration, phase transitions, deliquescence, decomposition etc.	<b>15:00 - 15:45</b>	<b>SPS/Vsorp Moisture Sorption Instruments - Workshop part II</b> Hands-on experience: Instrument demonstration, open discussion, Q&A
17:00	Shuttle transfer back to the Hotel	15:45 - 16:00	Closing Remarks
18:30	Conference Dinner	16:00	End of Seminar
20:30	Guided tour through historic Ulm		