08:45 - 09:30 Fundamental Aspects of Moisture Sorption Humidity, water activity, water content, units, terms, definitions, etc. 08:45 - 09:30 Moisture Sorption in Food Research An overview of DVS applications 09:30 - 10:15 An overview of DVS applications An overview of DVS applications 09:30 - 10:15 Moisture Interactions with Solids Overview, chemical/physical changes, applications 09:30 - 10:15 Applications & Specific Material" Lactose and its modifications, amorphous content (Meggle GmbH) 10:15 - 10:30 Discussion 10:30 - 11:00 Coffee Break 10:30 - 11:00 Coffee Break 11:00 - 11:45 Moisture Sorption isotherms Types of isotherms, classification, how to read, etc. 11:45 - 12:30 Fundamental Strategies 13:15 - 14:00 Collibration and Validation of a Moisture Sorption Analyzer Procedures, sensors and reliability considerations 13:15 - 14:00 SPS/Vsop Moisture Sorption instruments Surface 14:00 - 14:45 Additional Sensors and extended measurement methods 14:00 - 14:45 Additional Sensors and extended measurement methods 14:00 - 14:15 Coffee Break 15:30 Coffee Break 15:3	Day 1 Morning Session - Water Vapour Sorption Basics		Day 2 Morning Session – Applications & Specific Material	
Humidity, water activity, water content, units, terms, definitions, etc. An overview of DVS applications	08:30 -08:45	Welcome		
Overview, chemical/physical changes, applications 10:15 - 10:30 Discussion 10:30 - 11:00 Coffee Break 11:00 - 11:45 Moisture Sorption Isotherms Types of isotherms, classification, how to read, etc. 11:45 - 12:30 Principles of Dynamic Vapour Sorption Instruments Operating principles, technical details 12:30 - 13:15 Uunch Break Day 1 Afternoon Session - Calibration & Experimental Strategies 13:15 - 14:00 Calibration and Validation of a Moisture Sorption Analyzer Procedures, sensors and reliability considerations 14:45 - 12:30 Discussion 14:00 - 14:45 Additional Sensors and extended measurement methods From a single purpose instrument to a comprehensive system solution 15:30 - 16:15 Experimental Aspects and Strategies 16:15 - 17:00 Interpretation and Evaluation of measurements Representative examples, hydration, phase transitions, deliquescence, decomposition etc. 18:30 Conference Dinner 20:30 Guided tour through historic Ulm 10:15 - 10:30 Discussion 10:15 - 10:30 Discussion 10:30 - 11:00 Coffee Break 11:45 - 12:30 Moisture Sorption in Pharmaceutics and Related Areas Pharmaceuticals, tasks and issues, examples, patent relevance, etc. 11:45 - 12:30 'Enhancing DVS Measurements: Integrating Imaging and Raman Spectroscopy to Identify Additional Processes, Applications to Identify phase changes of mixed salt systems in the environment (Royal Institute of Cultural Heritage) 20:30 Calibration and Validation of a Moisture Sorption Analyzer Procedures, sensors and reliability considerations 13:15 - 14:00 SPS/Vsorp Moisture Sorption Instruments - Workshop part I Instrument selection, Strategies for optimized instrument of monstrument demonstration, open discussion, Q&A 14:00 - 14:15 SPS/Vsorp Moisture Sorption Instruments - Workshop part II Hands-on instrument demonstration, open discussion, Q&A 15:15 - 15:30 Closing Remarks 15:30 Closing Remarks 15:30 Closing Remarks	08:45 - 09:30	·	08:45 - 09:30	•
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