

Day 1. Tuesday 7th April 2015	
12:00	Registration and sandwiches
13:00	Åsa Östlund (SP, SE) and Thomas Heinze (FSU, D) <i>Welcome and introduction</i>
TRAINING THEME 1 Ionic Liquids as Cellulose Solvents	
13:30	Michael Hummel (Aalto University, FI) <i>Cellulose Dissolution and Shaping in Ionic Liquids</i>
PERSPECTIVES ON THEME 1	
	Chairperson: Tim Liebert
14:15	H. Abushammala, Ingo Krossing, Marie-Pierre Laborie <i>Facile Ionic Liquid-Mediated Technology for Cellulose Nanocrystals Production directly from Wood</i>
14:45	A. Hedlund, T. Köhnke, H. Theliander <i>Investigations into the Coagulation of Cellulose from EmimAc-DMSO Solutions in Common Protic Solvents</i>
15:15	Coffee break
15:45	J. Mao, L. Barcellos Pereira, H. Winter, R. Thire, M.-P. Laborie <i>Solvent/Substrate Behavior Between Pulp Fibers and 1-Butyl-3-methylimidazolium Hydrogen Sulfate</i>
POSTER PRESENTATIONS	
16:15	T. Elschner, T. Heinze <i>Synthesis of Highly Functionalized Cellulose Carbonates in 1-Butyl-3-methylimidazolium Chloride/Pyridine</i>
16:25	Y. Cao, Y. Nevo, O. Shoseyov <i>Ionic Liquid as Dispersion/Dissolution Solvent for Cellulose Nanocrystals</i>
16:35	N. D. Wanasekara, S. J. Eichhorn, S. Rahetekar, T. Welton, A. Bismarck, H. Sixta, K. Potter <i>Molecular Deformation in High Performance Cellulose Fibers – Influence of Draw Ratio</i>

Day 2. Wednesday 8th April 2015	
TRAINING THEME 2 Treatment of Cellulose Prior to Dissolution	
09:00	Patrick Navard (MINES Paris Tech) <i>Enzymatic Treatments for Improving Cellulose Dissolution (Endoglucanase and Pectinase)</i>
PERSPECTIVES ON THEME 2	
	Chairperson: Åsa Östlund
09:45	O. Ç. Kurtuluş, S. Ondaral, G. Hocaoglu <i>Carboxymethylation as Pretreatment of Nanofibrillated Cellulose</i>
10:15	Coffee break
POSTER PRESENTATIONS	
10:45	M. Drożdżek, A. Antczak, J. Gawron <i>Influence of Pretreatment Method of Cellulose on the Molar Mass Distribution</i>
10:55	P. Trivedi, J. Trygg, P. Fardim <i>Ethanol-HCl Pretreatment for Cellulose Dissolution in NaOH-Urea-Water</i>
TRAINING THEME 3 New Processes for Cellulose Dissolution	
11:05	André Lehmann (IAP Potsdam-Golm, D) <i>Cellulose Carbamate</i>
11:50	Lunch
13:00	Transfer to Rudolstadt

TRAINING THEME 4	
Practical Aspects on Dissolution of Cellulose	
14:15	F. Meister (TITK Rudolstadt, D) <i>Preparation and Characterization of Cellulose Dopes in NMMO</i>
	PRACTICAL DEMONSTRATIONS
	B. Kosan <i>Fiber Spinning</i>
	K. Schwikal <i>Electrospinning</i>
	F. Meister <i>Characterization of Spinning Dopes</i>
	F. Meister <i>Visit of Lyocell Pilot Plant</i>
17:00	Transfer back to Jena
19:00	Informal conference dinner: Thuringian style barbecue

Day 3. Thursday 9th April 2015	
TRAINING THEME 3 (continued)	
09:00	Danuta Ciechanska (IBWCh Lodz, PL) <i>BioCellSol</i>
	PERSPECTIVES ON THEME 3 (continued) New Processes for Cellulose Dissolution
	Chairperson: Andreas Koschella
09:45	T. Heinze <i>Recent Developments in Solvents of Cellulose</i>
10:15	<u>M. Kostag</u> , T. Liebert, T. Heinze <i>Common Organic Liquids as Simple Cellulose Solvents</i>
10:45	Coffee break
11:15	M. Gericke <i>Ionic Liquid/Co-Solvent Mixtures - Tailored Reaction Media for Chemical Derivatization of Cellulose</i>
	POSTER PRESENTATIONS
11:45	<u>G. Hocaoglu</u> , S. Ondaral <i>Application and Modification of Nanofibrillated Cellulose</i>
11:55	<u>L. Alves</u> , P. Araújo, A. Romano, B. Lindman <i>Unusual Extraction and Characterization of Nanocrystalline Cellulose from Cellulose Derivatives</i>
12:05	Lunch
TRAINING THEME 5	
Aqueous Hydroxides as Cellulose Solvents	
13:30	Tatiana Budtova (MINES Paris Tech, FR) <i>Hydrodynamic Properties, Viscosity and Gelation of Cellulose in NaOH-based Solvents</i>
	PERSPECTIVES ON THEME 5
	Chairperson: Andreas Koschella
	POSTER PRESENTATIONS
14:15	<u>E. Erisir</u> , E. Gumuskaya, A. D. Celik <i>Potassium Carbonate Catalysed Transesterification of Cellulose in DMSO/TBAF</i>
14:25	<u>B. Medronho</u> , H. Duarte, L. Alves, A. Romano, B. Lindman <i>On the Role of Hydrophobic Interactions in Cellulose Dissolution and Regeneration: Colloidal Aggregates and Molecular Solutions</i>
14:35	Åsa Östlund, Thomas Heinze, Andreas Koschella Concluding remarks, end of meeting