Time	Speaker	Title	Project
10:00	Albe	Introductory Remarks	**
Organic Light-Emitting Devices/TCOs			
10:15	Klein	Function and fatigue of oxide electrodes in organic light emitting diodes	D3
10:45	Albe	Atomistic computer simulations of defects and their mobility in metal oxides	C2
11:15	Villbrandt	Synthesis of semiconducting model polymers and their characterization before and after cyclic electrical fatigue	A5
11:45	Gassmann	Fatigue of organic electronic devices	D4
12:30	- – - – - -	*LUNCH*	- – -
14:00	Yampolskii	Phenomenological modelling of injection, transport and recombination in organic semiconducting devices as…	C5-1
Ferroelectrics			
14:30	Genenko	…well as in inorganic ferroelectric materials	C5-2
15:00	Rödel	Mesoscopic and macroscopic fatigue in doped ferroelectric ceramics	D1
15:30	Klein	Polarisation and charging in electrical fatigue ferroelectrics	B7
16:00	- – - – - -	*COFFEE*	- – -
16:30	Zhukov	Polarisation and charging in electrical fatigue ferroelectrics	B7
17:00	Xu	Micromechanical Simulation on Interaction of Point Defects with Domain Structure in Ferroelectrics	C6
17:30	Kungl	Influence of PbO stoichiometry on series production of PZT and multilayer actuators	T2
18:00	Buntkowsky/ Breitzke	Characterization of Structure-Property-Relationships of electrical Functional Materials with Solid State-NMR	B9
18:30		Discusion	
19:00	- – - – - -	*DINNER*	- – -
09:00	Rödel	Manufacturing of ceramics, textured actuators with high strain	A1
09:30	Albe/ Gröting	Quantum mechanical computer simulations for electron and defect structure of oxides	C1-2
10:00	Schmidt/ Donner	Structure Characterization of Piezoelectric Ceramics With Respect to Electrical Fatigue	B3-1 B3-2
11:00	- – - – - -	*COFFEE*	- – -
Batteries			
11:30	Jaegermann	Boundary layers and thin films of ionic conductors: Electronic structure, electrochemical potentials, defect formation and degradation mechanisms	A3
12:00	Riedel	Novel functional ceramics using anionic substitution in oxidic systems	A4
12:30	- – - – - -	*LUNCH*	- – -
14:00	Ehrenberg	In situ investigations of the degradation of intercalation batteries and their modeling	B4
14:30	Hess	In-situ diagnostics of intercalation-batteries via Raman spectroscopy	B8
15:00	Albe/ Diehm	Quantum mechanical computer simulations for electron and defect structure of oxides	C1-1
15:30	Mühlbauer	„in operando“ studies of materials fatigue in commercial battery-types by neutron tomography and diffraction	T1
16:00	- – - – - -	*FINAL DISCUSSION / COFFEE*	- – -