Time	TUESDAY (3.11)	WEDNESDAY (4.11)	THURSDAY (5.11)
09:10		**Stainier, Laurent** A data-driven approach to upscaling non-linear history-dependent material response	**Hütter, Geralf** Intrinsic lengths and constitutive parameters in micromorphic models of ductile damage and fracture
09:50	Gathering and registration	**Fraternali, Fernando** Mechanics of innovative seismic metamaterials for earthquake-proof buildings	**Dondl, Patrick** A numerical implementation of single crystal strain gradient plasticity
10:30		**Coffee Break**	**Coffee Break**
11:00		**Wattrisse, Bertrand** Experimental characterization of the (thermo)-mechanical behavior of ductile materials and brittle structures	**Diehl, Martin** Fracture in the context of crystal plasticity
11:40	**Opening**	**Pandolfi, Anna** A microstructured porous brittle damage model applied to hydraulic problems	**Lewintan (Neff, Patrizio)** LP-versions of the generalized korn inequalities for incompatible tensor fields
12:20	**Ortiz, Michael** (Fractional) Strain-Gradient Plasticity and Void-Mediated Ductile Fracture	**Keip, Marc** Variational approaches to dissipative material response: from hydro-mechanical fracturing to thermo-mechanical coupling	**Reese, Stefanie** Modeling fracture in solids: an anisotropic continuum model based on atomistic studies
13:00	**Lunch**	**Lunch**	**Lunch**
14:30	**Martinez-Paneda, Emilio** Phase-field modelling of hydrogen assisted cracking	**Kozinov, Sergii** Modeling of fracture behavior of polycrystalline ferroelectric ceramics using the macromechanical Landis model	
15:10	**Lancioni, Giovanni** A phase-field approach to plasticity and fracture for modelling multi-cracking in short fiber-reinforced composites	**Ricoeur, Andreas** Crack paths in ferroelectrics and quasicrystals	**Summary and discussion**
15:50	**Blesgen, Thomas** Simulations of Cosserat materials and dynamic recrystalisation	**Mosler, Jörn** A micromorphic approach to thermomechanically coupled anisotropic ductile damage	
16:30	**Coffee Break**	**Coffee Break**	**Coffee Break**
17:00	**Balzani, Daniel** Simulation of subcritical crack growth in hard metal microstructures based on the	**Weinberg, Kerstin** Phasefield fracture in finite strains	
17:40	**Rodriguez-Martinez, Jose** Microstructurally-informed finite element modelling of the formation of multiple necks and fragments in printed metallic rings subjected to rapid radial expansion	**Wieners, Christian** Discontinuous Galerkin method for phase-field approximation of dynamic fracture	
18:20		**Thomas, Marita** Convergence analysis for fully discretized damage and phase-field fracture models	
19:00	**Dinner**	**Dinner**	**Dinner**