

Review Session for 3rd Funding Period of SFB/TR 9
Computational Particle Physics
Computergestützte Theoretische Teilchenphysik

Short Presentations*		
	Tuesday, July 13, 2010	Generali-Saal, 6 th Floor, SuperC
9:40	A1: Multiloop calculations and computer-algebraic techniques in quantum field theory <i>J. Kühn</i>	
9:55	A2: Parallelization of algebraic program systems <i>M. Steinhauser</i>	
10:06	A4: Chirally invariant and twisted mass formulations of QCD on the lattice <i>M. Müller-Preussker</i>	
10:17	A5: Automated NLO/NLL Monte Carlo Programs for the LHC <i>M. Krämer</i>	
10:28	B1: Precision predictions for massive particle production <i>S. Moch</i>	
10:43	B2: Lattice computation of input parameters of perturbative QCD <i>U. Wolff</i>	
10:54	Coffee Break	
11:20	B3: Parton distribution functions on the lattice and in the continuum <i>J. Blümlein</i>	
11:31	B4: Production of unstable particles <i>M. Beneke</i>	
11:42	B5: Precision calculations for Higgs and BSM physics at the LHC <i>D. Zeppenfeld</i>	
12:02	C1: Strong interaction effects in B-meson decays <i>R. Sommer</i>	
12:17	C3: Threshold production of top-quark pairs and other heavy particles <i>M. Beneke</i>	
12:28	C4: Top quark physics at colliders <i>W. Bernreuther</i>	
12:39	C5: Multi-loop calculations with heavy fermions in the SM and MSSM <i>M. Steinhauser</i>	

* presentation 15 minutes; discussion 5 minutes for B5

presentation 11 minutes; discussion 4 minutes for A1, B1 and C1

presentation 7 minutes; discussion 4 minutes for the remaining projects