

**Begutachtung des Fortsetzungsantrags (2. Förderperiode) des SFB/TR 9**  
**Computergestützte Theoretische Teilchenphysik**  
**Computational Particle Physics**

<b>Kurzvorträge*</b>		
	<b>Dienstag, 4. Juli 2006, 9:40 – 13:00</b>	Lehmann Hörsaal (Geb. 30.22)
9:40	A1: Multi-loop calculations and computer algebra in quantum field theory <i>J. Kühn</i>	
9:55	A2: Parallelization of algebraic programs <i>M. Steinhauser</i>	
10:06	A3: Efficient techniques for lattice perturbation theory <i>U. Wolff</i>	
10:17	A4: Chiral invariant formulations of lattice QCD <i>M. Müller-Preussker</i>	
10:28	B1: Precision calculations for the production of massive particles <i>T. Riemann</i>	
10:39	B2: Lattice computation of input parameters of perturbative QCD <i>U. Wolff</i>	
10:50	B3: Parton distribution functions on the lattice and on the continuum <i>J. Blümlein</i>	
11:01	<b>Kaffeepause</b>	
11:20	B4: Production of unstable particles <i>M. Beneke</i>	
11:31	B5: Higgs and BSM physics at the LHC with NLO precision <i>D. Zeppenfeld</i>	
11:46	B6: NLO multi-parton Monte Carlo programs for the LHC <i>M. Krämer</i>	
11:57	C1: Strong interaction effects in B-meson decays <i>R. Sommer</i>	
12:12	C3: Top quark physics at the pair production threshold <i>M. Beneke</i>	
12:23	C4: Top quark physics at colliders <i>W. Bernreuther</i>	
12:34	C5: Multi-loop calculations with heavy fermions in the SM and MSSM <i>M. Steinhauser</i>	
12:45	C6: Flavour physics beyond the Standard Model <i>U. Nierste</i>	

\* 11 Minuten Vortrag, 4 Minuten Diskussion für A1, B5, C1, C6

7 Minuten Vortrag, 4 Minuten Diskussion für die anderen Projekte