

**10. Meeting of SFB/TR9
Computational Particle Physics
18th and 19th February 2008**

Monday, 19th February 2008	
8:30 – 9:25	A1 Andreas Maier (KA): <i>X-space OPE and quark condensates (22' + 5')</i> Konstantin Chetyrkin (KA): <i>Analytic results in QED (22' + 5')</i>
9:25 – 9:50	A2 Mikhail Tentyukov (KA): <i>Status of FORM parallelization (20' + 5')</i>
9:50 – 10:15	A3 Shinji Takeda (HU): <i>Perturbative analysis of the Neuberger-Dirac operator in the Schroedinger functional (20' + 5')</i>
10:15 – 10:45	Coffee Break
10:45 – 11:30	A4 Marc Wagner (HU): <i>Static-light mesons in twisted mass QCD (20' + 3')</i> Philipp Gerhold (HU): <i>Towards upper Higgs mass bounds from a chirally invariant lattice Higgs-Yukawa model (20' + 3')</i>
11:30 – 12:05	B1 Stefano Actis (AC): <i>Fermionic and hadronic corrections to Bhabha scattering (30' + 5')</i>
12:05 – 13:45	Lunch Break
13:45 – 15:15	Internal project discussions
15:15 – 15:45	Coffee Break
15:45 – 16:20	B2 Oliver Witzel (HU): <i>Spectral studies for a non-Hermitian polynomial HMC (30' + 5')</i>
16:20 – 17:05	B3 Isabella Bierenbaum (DZ): <i>Heavy flavor Wilson coefficients in DIS (20' + 3')</i> Dru Renner (DZ): <i>Progress in parton distributions from lattice QCD (20' + 3')</i>
17:05 – 18:30	Besprechung der Projektleiter
ab 19:00	gemeinsames Abendessen im Badisch Brauhaus, Stephaniensstrasse 38

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8:30 – 8:55	B4 Christian Schwinn (AC): <i>CSW rules for massive scalars (20' + 5')</i>
8:55 – 10:30	B5 Stefan Karg (AC): <i>NLO QCD corrections to $pp \rightarrow WW+\text{jet}$ (20' + 3')</i> Ben O' Leary (AC): <i>The lepton-flavour violating decay $\tau \rightarrow \mu \mu \mu$ (20' + 3')</i> Quiang Li (KA): <i>Graviton plus dijet production at the LHC (15' + 3')</i> Dieter Zeppenfeld (KA): <i>Higgs production processes at the LHC (25' + 3')</i>
10:30 – 11:00	Coffee Break
11:00 – 11:55	C1 Tobias Huber (KA): <i>Electromagnetic corrections and phenomenology of the rare decay $B \rightarrow X_s l_+ l_-$ (22' + 5')</i> Benoit Blossier (DZ): <i>Computing masses and matrix elements in HQET on the lattice (22' + 5')</i>
11:55 – 12:40	C3 Pedro Ruiz-Femenia (AC): <i>Finite lifetime effects at the $t\bar{t}$ production threshold (20' + 3')</i> Yiuchiro Kiyo (KA): <i>Electroweak effects for $t\bar{t}$ production at threshold (20' + 3')</i>
12:40 – 14:00	Lunch Break
14:00 – 14:45	C5 Philipp Kant (KA): <i>Lightest Higgs mass in the MSSM to three loops (20' + 3')</i> Luminita Mihaila (KA): <i>Gauge and Yukawa Coupling Unification in the MSSM (20' + 3')</i>
14:45 – 15:40	C6 Susanne Westhoff (KA): <i>Charged Higgs effects in $B \rightarrow D \tau \nu$ decays (22' + 5')</i> Waldemar Martens (KA): <i>$b \rightarrow s$ transitions in a SUSY GUT model (22' + 5')</i>