Doppler's Institute's microconference
Analytic and algebraic methods III
June 19, 2007, Villa Lanna, Prague

	programme
9.30 - 10.00	**Tamas Fülöp** (DI & Institute of Nuclear Physics, Řež) *Singular potentials in QM and ambiguity in the self-adjoint Hamiltonian*
10.05 - 10.35	**Uwe Günther**(Research Center Dresden-Rossendorf) *Projective Hilbert space structures at exceptional points*
10.35 - 11.00	coffee break
11.00 - 11.30	**Maurice Kibler** (Institute of Nuclear Physics, Lyon) *Bases (MUBs) and operators (SIC-POVMs) used in quantum information.*
11.35 - 12.05	**Giuseppe Scolarici** (INFN & University of Lecce) *The complex projection of quasianti-Hermitian quaternionic dynamics*
12.15 - 14.00	LUNCH
14.00 - 15.00	**Gerald V. Dunne** (University of Connecticut, Storrs) *Functional Determinants in Quantum Field Theory*
15.00 - 15.15	coffee break
15.15 - 15.45	**Mark Harmer** (DI & Institute of Nuclear Physics, Řež) *Spin Filtering and the Rashba Hamiltonian*
15.50 - 16.20	**Piergiulio Tempesta** (Scuola Normale Superiore, Pisa) *Topological field theories and integrable hierarchies*
16.20 - 16.30	short break
16.30 - 17.00	**Frederik G. Scholtz** (University of Stellenbosch) *The Why, If and But of Quasi-hermitian Quantum Mechanics*
17.05 - 17.30	**Stefan Rauch-Wojciechowski** (Linkoping University) *Algorithmic criterion of separability - a solution of an old Jacobi problem*