

(Maybe) 14th ACHT Meeting
"Strong Interactions in Quantum Field Theory"
07.10.-09.10.2015, Leibnitz, Austria

Program, ACHT2015

Wednesday 07.10.2015 12:00 - 17:40	12:00 - 13:30		Lunch	
	14:00 - 14:10		Welcome	
	14:10 - 14:30	1st session	Pak	New SU(4) symmetry of hadrons after quasi-zero mode removal
	14:30 - 14:50		Plessas	Covariant Electroweak Structures of the Nucleons, Deltas, and Hyperons
	14:50 - 15:10		Prapotnik Brdnik	Chiral loops in the isospin violating decays of $D_{s1}(2460)$ and $D^*_{s0}(2317)$
	15:10 - 15:30		Sauli	Timelike electromagnetic pion form factor in DSEs framework
	15:30 - 16:00		coffee break	
	16:00 - 16:20	2nd session	Svarc	Conformal Mappings and Pietarinen Expansion in Hadron Spectroscopy
	16:20 - 16:40		Krassnigg	The DSBSE approach to hadrons
	16:40 - 17:00		Parganlija	Excited Scalar Mesons and the Scalar Glueball
17:00 - 17:20	Bass		Vacuum energy and the cosmological constant	
17:20 - 17:40	Hilger		Chiral symmetry, meson spectroscopy, and medium modifications	

Thursday 08.10.2015 09:00 - 22:00	09:00 - 09:20	3rd session	Biró	Negative Binomial Coherent States (Superstatistics of Quanta)
	09:20 - 09:40		Huber	Three-dimensional Yang-Mills theory as a testbed for truncations of Dyson-Schwinger equations
	09:40 - 10:00		Kaposvari	Scalar mass stability bound in a simple Yukawa-theory from renormalisation group equations
	10:00 - 10:20		Marko	Solution of the $O(\lambda^2)$ 2PI: an IR problem
	10:20 - 10:50		coffee break	
	10:50 - 11:10	4th session	Mati	The vanishing beta function curves
	11:10 - 11:30		Nandori	C-function for sine-Gordon type models in the framework of FRG
	11:30 - 11:40		Steib	Real Time Renormalization
	11:40 - 12:00		Nagy	Quantum Renormalization Group
	12:00 - 12:20		Pereira	A non-perturbative BRST symmetry for the Gribov-Zwanziger action
	12:20 - 14:00		lunch break	
	14:00 - 14:20	5th session	Prelovsek	Conventional and exotic hadrons from lattice QCD
	14:20 - 14:40		Campagnari	Hamiltonian Approach to QCD in Coulomb Gauge
	14:40 - 15:00		Sanchis-Alepuz	Hyperon electromagnetic form factors in a covariant bound-state approach
	15:00 - 15:20		Passek-Kumericki	Generalized parton distributions (GPDs) through DVCS and DVMP
	15:20 - 15:40		Berényi	Inhomogeneous pair production in the Wigner formalism
	15:40 - 16:10		coffee break	
	16:10 - 16:30	6th session	Reinosa	QCD phase diagram in the heavy quark limit from a perturbative approach
	16:30 - 16:50		Dadic	Renormalization in finite-time-path out-of-equilibrium $\lambda\phi^3$ QFT
16:50 - 17:10	Gubler		The phi-meson in nuclear matter - recent results from QCD sum rules and effective theories	
17:10 - 17:30	Homor		Transport Coefficients and Thermalisation in Classical Field Theories	
17:30 - 17:50	Horváth		Liquid-gas crossover within a quasi-particle picture	
19:00 - 22:00		social event		

Friday 09.10.2015 09:00 - 14:00	09:00 - 09:20	7th session	Defenu	Fixed Point Structure and effective fractional dimension for O(N) models with long range interactions
	09:20 - 09:40		Posfay	Functional Renormalization Approach to Nuclear Matter
	09:40 - 10:00		Tresmontant	A perturbative description of the gluon and ghost propagators near the deconfinement phase transition
	10:00 - 10:20		Schaefer	Fluctuations in a finite Volume
	10:20 - 10:50		coffee break	
	10:50 - 11:10	8th session	Weber	Polyakov loop and its correlator in Lattice QCD
	11:10 - 11:30		Forgacs	Breathers - islands of stability in Anti deSitter space-times
	11:30 - 11:50		Klabucar	Are eta and eta' an ordinary two-state system?
	11:50 - 12:10		Lukács	Some properties of BPS skyrmions
	12:10 - 14:00		Farewell and Lunch	

Check-In: 16:00
 Breakfast: 07:30 - 09:30
 Lunch: 12:00 - 13:30
 Dinner: 18:00 - 19:30
 Check-Out: 10:00
 Sauna: 08:00 - 21:00

Notes:

Facilities: Gym, Darts, Billards, Ping pong, Sports Hall, Dojo