

Monitoring Workshop, DK's & GK Graz - Jena - Wien

28.09. & 29.09.2015, Friedrich-Schiller-Universität Jena

Montag, 28.09.2015

09:00 - 09:25 Milan Vujanovic, *Bound states in an SU(2) gauge theory*

09:25 - 09:50 Jordi Paris, *On bound states in relativistic quantum field theories*

09:50 - 10:15 Walid Mian, *Quark Propagator with electroweak interactions*

10:15 - 10:40 Alexander Blinne, *Pair Production in Rotating Fields*

Kaffee

11:10 - 11:35 Thomas Kloiber, *O(N) models of finite density with the dual approach*

11:35 - 12:00 Mario Giuliani, *New ideas for the density of states approach to lattice field theories*

12:00 - 12:25 Ana Juricic, *Probing the QCD phase diagram at finite volume*

Mittagspause

14:00 - 14:25 Daniel August, *Two dimensional N=2 supersymmetry on the lattice*

14:25 - 14:50 Pascal Törek, *Determination of the physical spectrum of a GUT*

Kaffee

15:20 - 15:45 Daniel Samitz, *Factorization and variable flavor number scheme for deep inelastic scattering*

15:45 - 16:10 Julia Borchardt, *Solving functional flows by pseudo-spectral methods*

16:10 - 16:35 Ju-Hyung Jung, *The pion-dressing effect on the electromagnetic nucleon and delta structure*

Kaffee

17:05 - 17:30 Stefan Lippoldt, *What fermions can tell us about quantum gravity*

17:30 - 17:55 Benjamin Knorr, *Gauge and parametrization dependence in Quantum Gravity*

Dienstag, 29.09.2015

09:00 - 09:25 Frederic Brünner, *On the identification of glueballs: overview and recent developments*

09:25 - 09:50 Sebastian Möckel, *Domain Walls in AdS*

09:50 - 10:15 Julian Leiber, *Magnetic Quantum Criticality with ADS/CFT*

10:15 - 10:40 Max Riegler, *Holography and Entanglement in 2(+1) dimensions*

Kaffee

11:10 - 11:35 René Sondenheimer, *Renormalization group flow of the Higgs sector*

11:35 - 12:00 Tobias Hellwig, *Spikes and what they point out in the FRG flow equation*

12:00 - 12:25 Daniel Schmidt, *Critical Flavour Number of the Thirring Model in Three Dimensions*