Program: Bethe Forum „Multihadron Dynamics in a Box“

09. - 13.09.2019

	Monday, 09.09.19 Spectroscopy	Tuesday, 10.09.19 3bQC	Wednesday, 11.09.19 Numerical studies of 3bQC	Thursday, 12.09.19 EFT	Friday, 13.09.19 Further developments
8:30 - 9:00	Registration and welcome by the organizers				
9:00 - 10:00	**Progress on dibaryon systems from lattice QCD** Andrew D. Hanlon	**Three particle dynamics and resonances in a finite volume** Hans-Werner Hammer	**Progress on 3 pions from elongated boxes** Chris Culver	**Resonance matrix elements** Gerrit Schierholz	**Recent progress on Lattice QCD of Two- and Three- Baryon Forces** Takumi Doi
10:00 -10:30	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
10:30 - 11:30	**Kaon-pion scattering in s- and p-wave on CLS ensembles with 2+1 dynamical flavors** Daniel Mohler	**Variational approach to multiple particles interaction in finite volume** Peng Guo	**Three-pion finite-volume spectrum at maximal isospin from lattice QCD** Ben Hoerz	**Three nucleon scattering in chiral effective field theory** Evgeny Epelbaum	**Three-particle quantization condition with twisting** Andria Agadjanov
11:30 - 13:00	Lunch Break	Lunch Break	Lunch Break	Lunch Break	11:30 - 12:00 Coffee Break
13:00 - 14:00	**Resonances in coupled-channel scattering** David Wilson	**The Hamiltonian in a box** Jia-Jun Wu	**Recent progress on the relativistic 3-particle quantization condition: (I) Formal developments** Max Hansen	**Chiral symmetry preserving three-nucleon forces** Hermann Krebs	12:00 - 13:00 **Tbc** Nico Schlage
14:00 - 14:30	Coffee Break	Coffee Break	Coffee Break	Coffee Break	13:00 - 13:30 Summary of the Workshop - Bon voyage!
14:30 - 15:30	**Scattering involving hadrons with non-zero spin from lattice QCD** Christopher Thomas	**Scattering amplitudes from finite-volume spectral functions** John Bulava	**Recent progress on the relativistic 3-particle quantization condition: (II) Applications** Fernando Romero Lopez	**Finite volume methods in lattice effective field theory** Dean Lee	
15:30 - 16.00	Coffee Break		Coffee Break	Coffee Break	
16:00 - 17:00	**Multi-hadron states from elongated boxes** Andrei Alexandru		**Three positive pions in a finite volume** Michael Döring	**Progress in multi-nucleon physics** Zohreh Davoudi	
18:00 - 20:00	Reception				*Amendment: 12.09.2019*