

# Agenda of the CRC 110 workshop, Weihai, China

Talks are 15+5 or 20+5 or 25+5 min. (check your allotted time) plus 5 min. preparation break

**July 25<sup>th</sup>, 2014**

Chairman: B.S. Zou

Time	Title	Speaker, Project
8:30 - 8:40	Welcome	B.-S. Zou (ITP)
8:40 - 9:00	Proton form factors in the timelike region	X.W. Kang (FZJ), A1
9:05 - 9:25	Dispersive description of D-meson three-body decays	F. Niecknig (UBO), A1
9:30 - 9:55	$\pi\pi$ scattering with $N_f = 2 + 1 + 1$ twisted mass fermions	B. Knippschild (UBO), A2
10:00 - 10:20	Three-particle bound states in the bottom meson sector	E. Wilbring (UBO), A3
10:20 - 10:50	Conference photo, tea/coffee	
10:50 - 11:10	Heavy hybrids in pNRQCD	J. Tarrus (TUM), A3
11:15 - 11:40	Hadronic parity violation in chiral effective field theory	J. de Vries (FZJ), A4
11:45 - 12:10	Importance of disconnected contributions to tetraquarks in lattice QCD	F.-K. Guo (UBO), A5
12:15 - 14:30	Lunch	
14:30 - 14:55	The Delta resonance and the proton radius	I. Lorenz (UBO), B1
15:00 - 15:25	Low-lying $\Omega$ -states with negative parity	C. An (IHEP), B2
15:30 - 15:55	Search for a $J^{PC} = 1^{-+}$ exotic state in $e^+e^-$ annihilation	Q. Wang (FZJ), B3
16:00 - 16:30	Recent progress in nuclear covariant density functional	J. Meng (PKU), new
16:35 - 18:00	Discussion period	

**July 26<sup>th</sup>, 2014**

Chairman: S.L. Zhu

Time	Title	Speaker, Project
8:30 - 8:55	Towards exotic mesons with sLapH	C. Jost (UBO), B5
9:00 - 9:25	Recoil corrections in low-energy antikaon-deuteron scattering	M. Mai (UBO), B6
9:30 - 9:50	Baryonic forces in SU(3) chiral effective field theory	S. Petschauer (TUM), B7
9:55 - 10:15	Light hypernuclei in a no-core shell model approach	S. Liebig (FZJ), B7
10:20 - 10:40	Tea/coffee	
10:40 - 11:00	Anthropic considerations in nuclear physics	U.-G. Meißner (UBO), B7
11:05 - 11:30	Van der Waals forces in pNRQED and pNRQCD	V. Shtabovenko (TUM), B8
11:35 - 12:00	Nature of bound states from lattice results with partially twisted boundary conditions	G. Rios (UBO), B4
12:05 - 14:00	Lunch	
14:05 - 14:25	Outreach	H. Dreiner (UBO), Z2
14:30 - 14:55	Search for charm exotic states on the lattice with twisted mass fermions	L. Liu (UBO), ass.
15:00 - 15:25	Production of molecules at hadron colliders	Z. Yang (UBO), ass.
15:30 - 16:00	Tea/coffee	
16:00 - 18:00	Discussion period	

**July 27<sup>th</sup>, 2014**

Chairman: Q. Zhao

Time	Title	Speaker, Project
9:00 - 9:30	Hyper-nuclei and exotic mesons from lattice QCD	T. Luu (FZJ), new
9:35 - 10:05	Shape of hypernuclei with covariant density functional theories	S.-G. Zhou (ITP), new
10:10 - 10:40	Study of scalar mesons from B decays	C.D. Lu (IHEP), new
10:40 - 11:00	Tea/coffee	
11:00 - 11:30	Relativistic potential effective theory	Y.Q. Chen (ITP), new
11:35 - 12:05	Resonances from various meson production processes	F. Huang (UCAS), new
12:10 - 14:00	Lunch break	
14:00 - 18:00	Excursion	

**July 28<sup>th</sup>, 2014 – Midterm Evaluation of the Chinese projects**

Chairman: U.-G. Meißner

Time	Project(s)	Speaker
9:00 - 9:30	<b>A1</b> Flavor symmetries ... & <b>B2</b> Hadron spectroscopy	B.S. Zou (ITP)
9:35 - 10:05	<b>A2</b> Hadron-hadron scattering ... & <b>B4</b> Boxed exotica	C. Liu (PKU)
10:10 - 10:30	<b>A3</b> Universality and EFTs for threshold states	Y. Jia (IHEP)
10:35 - 11:00	Tea/coffee	
11:00 - 11:30	<b>A4</b> Hadronic parity violation & <b>B2</b> Hadron spectroscopy	S.L. Zhu (PKU)
11:35 - 12:00	<b>A5</b> Quark mass dependence of heavy-light systems	P. Wang (IHEP)
12:05 - 14:00	Lunch break	
14:00 - 14:25	<b>B1</b> Nucleon form factors	Y.B. Dong (IHEP)
14:30 - 14:55	<b>B3</b> Hadronic molecules with heavy meson loops	Q. Zhao (IHEP)
15:00 - 15:25	<b>B5</b> Exotic states from lattice QCD	Y. Chen (IHEP)
15:30 - 15:55	<b>B8</b> Quarkonium interactions in hadronic, nuclear & thermal matter	J.X. Wang (IHEP)
16:00 - 16:30	Coffee/tea	
16:30 - 18:00	Discussion	

**July 29<sup>th</sup>, 2014 – Plans for the second funding period (FP 2)**

Chairman: W. Weise

Time	Topic	Speaker
9:00 - 9:20	Boundary conditions and frame/layout for FP 2	U.-G. Meißner
9:20 - 10:25	1 <sup>st</sup> round: discussions/talks about the future plans and issues for FP 2 suggestions by the evaluation committee members	
10:30 - 10:50	Tea/coffee	
10:50 - 12:30	2 <sup>nd</sup> round: discussions/talks about the future plans and issues for FP 2 suggestions by the evaluation committee members	
12:30 - 14:30	Lunch	