EFB23 program

Sunday 7/Aug.				
17:00-19:00		***Registration and reception at Scandic Aarhus City***		
		Auditorium F		**Auditorium G2**
Monday 8/Aug.				
8:30-8:55		***Registration (in front of Aud. F)***		
9:00-9:10		***Opening***		
9:10-9:45	Blume D.	*A new frontier: Few-body systems with spin-momentum coupling*		
9:45-10:20	Shimoura S.	*Experimental studies of the tetra-neutron system by using RI-beam*		
10:20-10:50	***Coffee***	chair: Arlt J.		
10:50-11:23	Hen O.	*Short-range correlations in nuclei*		
11:23-11:56	Piasetzky E.	*Measurement of polarization transfered to a proton bound in nuclei*		
11:56-12:30	Epelbaum E.	*Recent results in nuclear chiral effective field theory*		
12:30-14:00	***Lunch***	chair: Kamada H.		chair: Viviani M.
14:00-14:20	Riisager K.	*Beta-delayed particle emission from neutron halos*	Tomio L.	*Faraday waves in coldatom systems with two- and three-body interactions*
14:20-14:40	Refsgaard J.	*Beta-decay spectroscopy on 12C*	Jorgensen N.B.	*Observation of attractive and repulsive polarons in a Bose-Einstein condensate*
14:40-15:00	Amusia M.Ya.	*Role of atomic excitations in search for neutrinoless double beta-decay*	Levinsen J.	*Few-body correlations in the spectral response of impurities coupled to a Bose-Einstein condensate*
15:00-15:10	***Break***			
15:10-15:30	Artemenkov D.A.	*Unstable nuclei in dissociation of light stable and radioactive nuclei in nuclear track emulsion*	Leidemann W.	*Calculation of the S-factor S_{12} with the Lorentz integral transform method*
15:30-15:50	Feldman G.	*Program of Compton Scattering Studies on Light Nuclei at HIGS*	Orlandini G.	*Integral transform methods: a critical review of kernels for different kinds of observables*
15:50-16:20	***Coffee***	chair: Riisager K.		chair: Frederico T.
16:20-16:40	Salehi N.	*A new method for calculating the baryons mass under the phenomenological interaction potential*	Oryu S.	*A Coulomb-like off-shell T-matrix with the correct Coulomb phase shift*
16:40-17:00	Carbonell J.	*On the possible existence of 4n resonances*	Rawitscher G.	*Revival of the Phase-Amplitude Description of a Quantum-mechanical Wave Function*
17:00-17:20	Braun J.	*Electric properties of one-neutron halo nuclei in Halo EFT*	Plessas W.	*Flavor Analysis of Nucleon, Delta, and Hyperon Electromagnetic Form Factors*
17:20-17:30	***Break***			
17:30-17:50	Bouhelal M.	*Structure of neutron-rich Sulfur isotopes*	Shevchenko N.V.	*Different properties of $\bar{K}NN$ and $\bar{K}\bar{K}N$ systems*
17:50-18:10	Rachek I.A.	*Measurement of tensor asymmetry T20 in coherent π^0 photoproduction on deuteron*	Revai J.	*Three-body calculation of the $1s$ level shift in kaonic deuterium with realistic $\bar{K}N$ potentials*
Tuesday 9/Aug.		chair: Jensen A.		
9:00-9:33	Volosniev A.	*Strongly interacting one-dimensional systems in a trap*		
9:33-10:06	Deltuva A.	*Nucleon transfer reactions in few-body nuclear systems*		
10:06-10:12	***Break***	***Conference Photograph***		
10:12-10:45	Zaccanti M.	*Ferromagnetism of a repulsive Fermi gas: ongoing and future experiments in Florence*		
10:45-11:15	***Coffee***			
11:15-11:50	Ji C.	*Nuclear Structure Contributions to Lamb shift in Light Muonic Atoms*		
11:50-11:55	***Break***			
11:55-12:30	Stephan E.	*Experimental studies of few-nucleon systems at intermediate energies*		
12:30-14:00	***Lunch; Faddeev Medal Committe meeting (Aud. G1)***	chair: Carbonell J.		chair: Bruun G.
14:00-14:20	Ishikawa S.	*Three-body potentials in alpha-particle model of light nuclei*	Duncan C.	*Many-body localisation and spin-charge separation in strongly interacting one-dimensional disordered systems*
14:20-14:40	Fortunato L.	*Electromagnetic selection rules for 12C in a 3 alpha cluster model*	Harshman N.L.	*Solvable Models for a Few Atoms in a Few One-Dimensional Wells*
14:40-15:00	Janek M.	*Investigation of the dp breakup and dp elastic reactions at intermediate energies at Nuclotron*	Koscik P.	*Entanglement of Harmonically Trapped Dipolar Particles: harmonic approximation*
15:00-15:10	***Break***			
15:10-15:30	Klos B.	*Experimental study of Three-Nucleon Dynamics in the dp breakup collisions using the WASA detector*	Sowinski T.	*Dynamics of several ultra-cold particles in a double-well potential*
15:30-15:50	Kozela A.	*Systematic Study of Three-Nucleon System Dynamics in Deuteron-Proton Breakup Reaction*	Pecak D.	*Spatial separation and its transition in a one-dimensional system of a few fermions*
15:50-16:20	***Coffee***	chair: Orlandini G.		chair: Kolganova E.A.
16:20-16:40	Platonova M.N.	*NN and Nd scattering with intermediate dibaryons*	Yamamoto T.O.	*Study of charge symmetry breaking via the gamma-ray spectroscopy of $^4_{\Lambda}$He and $^4_{\Lambda}$H*
16:40-17:00	Sekiguchi K.	*Deuteron Analyzing Powers for dp Elastic Scattering at Intermediate Energies and Three Nucleon Forces*	Bellotti F.F.	*Three-body bound states of two bosonic impurities immersed in a Fermi sea in 2D*
17:00-17:20	Shalchi M.A.	*Neutron-19C scattering: emergence of universal properties in finite range potential*	Tsiklauri Sh.M.	*Trion and biexciton in monolayer transition metal dichalcogenides*
17:20-17:30	***Break***			
17:30-17:50	Timofeyuk N.K.	*Many-body effects in three-body systems: a case of (d,p) reactions*	Garrido E.	*Three-body wave functions in the continuum. Application to the Coulomb case*
17:50-18:10	Stipanovic P.	*Ground state properties of weakly bound few-body systems*	Ferrari Ruffino F.	*Benchmark results for few-body hypernuclei*
18:10-	***Laboratory tours; Few-Body Systems editorial board meeting (Aud. G1)***			

Wednesday 10/Aug.		chair: Kievsky A.		
9:00-9:10	Kievsky A.	***Few-Body Award presentation***		
9:10-9:40	Pastore S.	*Electroweak structure of light nuclei*		
9:40-10:10	Kunitski M.	*Observation of the Efimov state of the helium trimer*		
10:10-10:40	***Coffee***			
10:40-11:15	Nishida Y.	*Few-body universality: from Efimov effect to super Efimov effect*		
11:15-11:50	Greene C.	*Universality studies in the heavy-heavy-light Efimov system*		
11:50-11:55	***Break***			
11:55-12:30	Ahmed M.W.	*Photonuclear studies of few-body systems at the High Intensity Gamma Ray Source (HIGS)*		
12:30-14:00	***Lunch; EFBC meeting (1525-626)***	chair: Leidemann W.		chair: Volosniev A.
14:00-14:20	Skibinski R.	*Modern chiral forces applied to three-nucleon electroweak processe*	Wacker L. J.	*Absence of observable Efimov resonances in ultracold KRb mixtures*
14:20-14:40	Machleidt R.	*The nucleon-nucleon interaction up to sixth order in the chiral expansion*	Kolganova E.A.	*Asymmetric trimers within Faddeev approach*
14:40-15:00	Timoteo V.S.	*On-shell transition in the SRG framework with a chiral interaction*	Schmickler C.H.	*Trimer and Tetramer bound states in heteronuclear systems*
15:00-15:10	***Break***			
15:10-15:30	Carlsson B.D.	*State-of-the-art N3LO chiral interactions*	Frederico T.	*Four-boson scale symmetry breaking and limit cycle*
15:30-15:50	Fernandez F.	*From J/ψ to LHCb pentaquarks*	Kievsky A.	*Universal behavior of few-boson systems using potential models*
15:50-16:20	***Coffee***	chair: Shevchenko N.		chair: Deltuva A.
16:20-16:40	Dong Yu-bing.	*The strong decay mode $J/\psi p$ for the pentaquark states $P_c^+(4380)$ and $P_c^+(4450)$ in $\Sigma_c \bar{D}^*$ molecular scenario*	Belov P.A.	*The three-body asymptotics with explicitly orthogonalized channels*
16:40-17:00	Plessas W.	*Relativistic Calculation of Baryon Masses and Hadronic Decay Widths With Explicit Pionic Contributions*	Takibayev N.	*Few-Body Effects in Neutron Star Matter*
17:00-17:20	Jung J.-H.	*On the microscopic structure of $\pi N N$, $\pi N \Delta$ and $\pi \Delta \Delta$ vertices*	Rubtsova O.A.	*Continuum Discretization for Quantum Scattering and Nuclear Matter Calculations*
17:20-18:20	***Poster session***			
Thursday 11/Aug.		chair: Kalantar N.		
9:00-9:35	Achenbach P.	*Charge Symmetry Breaking in Light Hypernuclei*		
9:35-9:40	***Break***			
9:40-10:15	Deuretzbacher F.	*Antiferromagnetic Heisenberg Spin Chain of a Few Cold Atoms in a One-Dimensional Trap*		
10:15-10:30	Kalantar N.	***Faddeev medal announcement***		
10:30-11:00	***Coffee***			
11:00-11:40	Sammarruca F.	*Uncertainty quantification in many-body applications of chiral nuclear forces*		
11:40-11:50	***Break***			
11:50-12:30	Bjerlin J.	*Few-body precursor of the Higgs mode in a superfluid Fermi gas*		
12:30-14:00	***Lunch; Posters taken down***			
17:00-	***Excursion and dinner at The Old Town***			
Friday 12/Aug.		chair: Fynbo H.		
9:00-9:35	Barnea N.	*The nuclear contact, momentum distribution, and the photoabsorption cross section*		
9:35-10:10	Zachariou N.	*Study of the Few Nucleon Systems at CLAS*		
10:10-10:40	***Coffee***			
10:40-11:15	Platter L.	*Effective field theory for Halo Nuclei*		
11:15-11:50	Lester B.J.	*Spin-motional coupling in assembled quantum gases*		
11:50-11:55	***Break***			
11:55-12:30	Marcucci L.E.	*Recent progresses in ab-initio studies of low-energy few-nucleon reactions of astrophysical interest*		
12:30-14:00	***Lunch***	chair: Fernandez F.		chair: Barnea N.
14:00-14:20	Golak J.	*Break-up channels in muon capture on ^{3}He and ^{3}H*	Hove D.	*Combining few-body cluster structures with many-body mean-field methods*
14:20-14:40	Del Dotto A.	*Polarized ^{3}He target and final state interactions in SiDIS*	Gazda D.	*Ab initio calculations of light hypernuclei*
14:40-15:00	Schindler M.R.	*Parity- and time-reversal-invariance-violating nucleon-nucleon interactions in the large-N_c expansion*	Dehkharghani A.S.	*Semi-Analytical Approach to the Impenetrable Particles in One-Dimensional Harmonic Traps*
15:00-15:10	***Break***			
15:10-15:30	Topolnicki K.	*Three nucleon scattering in a ``three dimensional" approach*	Ilieva Y.	*Studies of Final-State Interactions via Helicity Asymmetries in Exclsuive Pseudoscalar Meson Photoproduction off Deuteron*
15:30-15:50	Kamada H.	*Triton binding energy of Kharkov potential*	Kuros A.	*Doubly excited resonance states of helium atom: complex entropies*
15:50-16:20	***Coffee***	chair: Garrido E.		chair: Bellotti F.
16:20-16:40	Viviani M.	*Three-nucleon force effects in $p-{}^3{\rm H}$ and $n-{}^3{\rm He}$ scattering*	Sekine R.	*Time-dependent correlated Gaussian approach to the nuclear response of few-nucleon systems*
16:40-17:00	Vlahovic B.	*S-wave approach for nnp and ppn systems with phenomenological correction for singlet NN potentials*	Skwira-Chalot I.	*Invariant variables for breakup reaction*
17:00-17:10	***Break***			
17:10-17:30	Viviani M.	***Closing remarks***		