

The 11th International Workshop on Chiral Dynamics

Monday, 26 August 2024

WG3 parallel session - Saal 3 (14:00 - 16:10)

-Conveners: Jambul Gegelia

time	[id] title	presenter
14:00	[78] Criteria of Renormalizability in Effective Field Theories	GASPARYAN, Ashot
14:30	[55] The Unitarity Limit of the NN System with Perturbative Pions	GRIESSHAMMER, Harald
14:50	[42] Perturbation theories for chiral nuclear forces	LONG, Bingwei
15:10	[47] Modified Power Counting in Chiral Effective Field Theory up to N3LO	THIM, Oliver
15:30	[62] Three-pion exchange potential using the method of unitary transformation	SPRINGER, Victor
15:50	[57] Nucleon-nucleon interaction in manifestly Lorentz-invariant ChEFT	REN, Xiu-Lei

WG3 parallel session - Saal 3 (16:30 - 18:50)

-Conveners: Harald Griesshammer

time	[id] title	presenter
16:30	[60] Application of chiral 2- and 3-baryon interactions to light hypernuclei	NOGGA, Andreas
17:00	[109] Experiments with RI-beam populating tetra-neutron system	SHIMOURA, Susumu
17:30	[73] Recent results of Σ^+p scattering experiment at J-PARC	NANAMURA, Takuya
17:50	[37] Structure of multi-neutron system and future study	HIYAMA, Emiko
18:10	[69] Faddeev Calculation of Hypertriton Including with YNN Three-Body Force	KAMADA, Hiroyuki
18:30	[87] Truncation uncertainty of chiral EFT for two-nucleon scattering from marginalizing over higher order contributions	HEIHOFF, Sven

Tuesday, 27 August 2024

WG3 parallel session - Saal 3 (14:00 - 16:10)

-Conveners: Kimiko Sekiguchi

time	[id] title	presenter
14:00	[67] Few-Nucleon Scattering Experiments to Explore the Three-Nucleon Forces	SAITO, Yuko
14:30	[94] Chiral three-nucleon force in many-nucleon systems	FUKUI, Tokuro
14:50	[39] Sensitivity of the nucleon-deuteron scattering observables to N ⁴ LO contact terms of three-nucleon force	SKIBIŃSKI, Roman
15:10	[76] Dynamics of 3-nucleon systems studied in proton-induced deuteron breakup reaction.	STEPHAN, Elżbieta
15:30	[52] Non-perturbative three-nucleon simulation using chiral lattice EFT	BOVERMANN, Lukas
15:50	[82] Studies of A>3 few-nucleon systems within next-to-leading order Pionless Effective Field Theory	SCHÄFER, Martin

WG3 parallel session - Saal 3 (16:30 - 18:40)

-Conveners: Hideyuki Sakai

time	[id] title	presenter
16:30	[26] Ab initio predictions of heavy atomic nuclei	MIYAGI, Takayuki
17:00	[68] Recent progresses in few-nucleon structure and dynamics in chiral effective field theory	MARCUCCI, Laura Elisa
17:20	[31] Short range correlations in light nuclei	PROIETTI, Eleonora
17:40	[44] Radiative corrections for the two-nucleon interaction in effective field theory	REIS, Immo Christopher
18:00	[49] Nuclear structure effects on two-photon exchange in muonic deuterium	LENSKY, Vadim
18:20	[97] Precision theory for electromagnetic observables of light nuclei	FILIN, Arseniy

Thursday, 29 August 2024

WG3 parallel session - Saal 3 (15:40 - 18:00)

-Conveners: Emiko Hiyama

time	[id] title	presenter
15:40	[8] Study of dark matter scattering off 2H and 4He nuclei within chiral effective field theory	FILANDRI, Elena
16:10	[22] $\mu \rightarrow e$ conversion in nuclei and nuclear charge distributions	NOËL, Frederic
16:40	[14] Manifestly Lorentz invariant formulation of chiral EFT for neutrinoless double beta decay	YANG, Yilong
17:00	[93] Neutrinoless double beta decay rates and the 3+2 scenario	PLAKKOT, Vaisakh
17:20	[18] Parity and time-reversal violating nuclear forces with explicit delta excitations	GANDOR, Lukas
17:40	[63] Anthropic Considerations for Big Bang Nucleosynthesis	MEYER, Helen