

SNP School 2020, Young Session: 2-5 Dec 2020

YRS #1 11:30-12:40 on 3-Dec. Chair S.N.Nakamura					*Each slot 5 min talk + 2 min discussion
ID	alloted slot of time		Name	Affiliation	Title of Presentation
YRS-01	11:30	11:37	ADHIKARY,Haradhan	Jan Kochanowski Univ.	Proton Intermittency to search for the critical point by NA61/SHINE experiment
YRS-02	11:38	11:45	AKIYAMA, Takeru	Tohoku Univ.	Development and Performance of Cherenkov Detectors for Spectroscopy of Medium-Heavy Λ Hypernuclei at Jlab
YRS-03	11:46	11:53	BENABDALLAH, Fadwa	Mohammed V Univ.	The effects of the external magnetic field in a qutrit-qubit mixed spin chain on thermal entanglement, quantum discord based on linear entropy, and measurement-induced disturbance
YRS-04	11:54	12:01	DHAR, Madhumita	Balurghat College	A Study On In-Medium Hyperon-Nucleon Interactions
YRS-05	12:02	12:09	Fujiwara, Tomomasa	Tohoku Univ.	Depeloment of a new ToF counter with MPPC for Λ hypernuclei experiments at ELPH
YRS-06	12:10	12:17	FUKADA, Kenji	Tokyo Institute of Technology	Track reconstruction of low momentum particles using Kalman filter in the NKS2 experiment
YRS-07	12:18	12:25	Itabashi Kosuke	Tohoku Univ.	Analysis stetus of $^3\text{H}(e,e'K^+)\text{X}$ at Jlab
YRS-08	12:26	12:33	KAJIKAWA, Shunsuke	Tohoku Univ.	Development of the ring imaging Cherenkov detector for beam particle identification at J-PARC high-p beamline

YRS #2 13:40-14:50 on 3-Dec. Chair T.Takahashi					*Each slot 5 min talk + 2 min discussion
ID	alloted slot of time		Name	Affiliation	Title of Presentation
YRS-09	13:40	13:47	KAMADA, Kento	Tohoku Univ.	Study of baryon modification in nuclei via beta-decay rates of Λ hypernuclei
YRS-10	13:48	13:55	Kim, Yonghee	Kyushu Univ.	Spectrum of heavy baryons from the Chiral Effective Theory of vector diquark
YRS-11	13:56	14:03	KINUGAWA Tomona	Tokyo Metropolitan Univ.	Weak-binding relation in the zero range limit
YRS-12	14:04	14:11	KITAOKA Tomomasa	Tohoku Univ.	Development of BH1 readout system using a MPPC array for J-PARC K1.1 beamline
YRS-13	14:12	14:19	Li,Taohan	Tohoku Univ.	Development of Belle II upgrade PXD
YRS-14	14:20	14:27	LUTHFIYAH, Nabilah	Univ. of Indonesia	$K\Lambda$ and $K\Sigma$ Photoproduction with High-Spin Resonances
YRS-15	14:28	14:35	Majekodunmi, Joshua Tolulope	Universiti Malaysia Perlis	Nuclear Clustering in Atomic Nuclei using Energy Density Functional
YRS-16	14:36	14:43	MENG, Qi	Nanjing Univ.	Stable double-heavy tetraquarks: spectrum and structure
YRS-17	14:44	14:51	MISHI Alfred	Univ. of Jos Nigeria	Fundamental Interactions and Classical Unification of Gravitational and Electromagnetic Interactions

YRS #3 15:20-16:30 on 3-Dec. Chair A.Hosaka					*Each slot 5 min talk + 2 min discussion
ID	alloted slot of time		Name	Affiliation	Title of Presentation
YRS-18	15:20	15:27	MIZUNO, Masaya	Tohoku Univ.	The performance test of the photon tagging counters at ELPH
YRS-19	15:28	15:35	MURAKAMI, Tomoki	Univ. of Tokyo	Construction of GEM Tracker for the J-PARC E16 experiment
YRS-20	15:36	15:43	NAGASE, Iori	Tohoku Univ.	Research of spectral functions of hadrons by sparse modeling
YRS-21	15:44	15:51	Najar, Imtiyaz Ahmad	Univ, of Kashmir	Particle Correlation in Relativistic nucleus-nucleus collisions
YRS-22	15:52	15:59	NAKAMURA, Rikuo	Tohoku Univ.	Research and development of Scintillation balloon toward KamLAND2-Zen
YRS-23	16:00	16:07	NAKAMURA, Yuki	Tohoku Univ.	Design of target ladder system for Λ hypernuclear spectroscopic experiment at Jlab
YRS-24	16:08	16:15	OBASI, CHIDIEBERE OGONNAYA	Univ. of Nigeria	The Influence of Gamma Irradiation on the Micro-structural, Morphological and Optical Properties of Cu2ZnSnS4 (CZTS) Thin Films.
YRS-25	16:16	16:23	OISHI, Tomohiro	Univ. of Zagreb	Proton emission from hypernuclei
YRS-26	16:24	16:31	OKUYAMA, Kazuki	Tohoku Univ.	Measurement of the differential cross section of the elementary $\text{p}(e,e'K^+)\Lambda/\Sigma^0$ reaction at JLab Hall A

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YRS #4 10:00-10:55 on 4-Dec. Chair S.N. Nakamura					*Each slot 5 min talk + 2 min discussion
ID	alloted slot of time		Name	Affiliation	Title of Presentation
YRS-27	10:00	10:07	QIAN WU	Nanjing Univ.	Probe the possible resonance of nnLambda with taking Sigma component explicitly
YRS-28	10:08	10:15	SADANARI, Kenjieric	Tohoku Univ.	Magnetohydrodynamic effects on first star formation
YRS-29	10:16	10:23	SAITO, Masayoshi	Tohoku Univ.	Analysis of the thermal distribution of the new 95kW target at J-PARC hadron experimental facility
YRS-30	10:24	10:31	SAITO, Sei	Tohoku Univ.	Systematic research for light curve of supernova
YRS-31	10:32	10:39	SAKAI,Keita	Tohoku Univ.	Glueball spectroscopy through the Yang-Mills gradient flow method in lattice QCD
YRS-32	10:40	10:47	SAKAO, Tamao	Tohoku Univ.	Feasibility Study of Identifying Λp Scatterings for the Next-Generation Experiment at J-PARC.
YRS-33	10:48	10:55	SATO, Genta	Tohoku Univ.	The global structure of the Milky Way stellar halo based on its orbital distribution
YRS-34	10:56	11:03	Shrestha, Utsav	Ohio Univ.	Study of Lambda* resonances at CLAS

YRS #5 11:20-12:15 on 4-Dec. Chair A. Hosaka					*Each slot 5 min talk + 2 min discussion
ID	alloted slot of time		Name	Affiliation	Title of Presentation
YRS-35	11:20	11:27	SINGH, Rajeev	Polish Academy of Sciences	Relativistic fluid dynamics in ultra-relativistic heavy-ion collisions
YRS-36	11:28	11:35	TAIRAFUNE, Seidai	Tohoku Univ.	Study of running bottom quark mass at 250GeV ILC
YRS-37	11:36	11:43	TSUJI, Ryutaro	Tohoku Univ.	Nucleon structure from 2+1 flavor lattice QCD with physical quark masses
YRS-38	11:44	11:51	WADA Shunsuke	Tohoku Univ.	Development of Fiber Detector for Lp Scattering Experiment at the J-PARC K1.1 Beamline
YRS-39	11:52	11:59	WAUKE Hikari	Tohoku Univ.	Study of internal structure of unstable nuclei by electron scattering
YRS-40	12:00	12:07	Yadanar Htun, Thiri	Suranaree University of Technology	Study on Λ nn Bound State and Resonance
YRS-41	12:08	12:15	Yamamoto Naoaki	Tohoku Univ.	Various evolutionary stages of galaxy clusters at high redshifts