



HYP2015 Program

	Mon (Sept. 7)	Tue (Sept. 8)	Wed (Sept. 9)	Thu (Sept. 10)	Fri (Sept. 11)						
8:15	Registration										
8:50	Opening		8:45								
9:00	P. Achenbach	A. Feliciello	N. Ishii	T. Nagae	S.L. Olsen	9:00					
9:30	S.N. Nakamura	K. Nakazawa	J. Haidenbauer	D. Jido	A. Hosaka	9:30					
10:00	T. Motoba	N. Shah	T.A. Rijken	L. Fabbietti	H. Nouri	10:00					
10:30	Coffee break		Coffee break	Coffee break	Coffee break	10:30					
11:00	H. Tamura	S. Gandolfi	T. Saito	J. Zmeskal	J. Pochodzalla	11:00					
11:30	E. Hiyama	K. Moriya	P. Braun-Munzinger	C. Curceanu	L. Tang	11:30					
12:00	D. Gazda	T. Nakano	Lunch + Excursion to Matsushima area	H. Lenske	N. Saito	12:00					
12:30	Lunch			Lunch	Summary by A. Ramos	12:30					
13:00	Lunch			Lunch	Lunch	13:00					
13:30	Lunch			Lunch	Lunch	13:30					
14:00	1a A. Gal*	2a F. Hauenstein*	3a F. Sakuma O. Vazquez Doce A.O. Tokiyasu	4a T. Doi K. Sasaki H. Nemura Y. Yamaguchi	5a L. Roca* K. Inoue S. Ohnishi K. Miyagawa	6a A. Ohnishi* I. Vassiliev A.S. Botvina S.M. Pulawski	7a M. Isaka* X.R. Zhou K. Vesely K. Hagino Y. Itonaga A. Pérez-Obiol	8a T. Hyodo T. Yoshida S. Yasui S. Maeda Kei Suzuki S. Sakai K. Itahashi	9a K. Imai* M. Oka* K. Miwa* J.K. Ahn* S.J. Kim Y. Ma Discussion	Lunch	14:00
14:30	T.O. Yamamoto B.F. Gibson M. Schäfer T. Gogami	Y. Ilieva M. Kaneta K.H. Hicks C.W. Kao	Ken Suzuki T. Koike Wai Mu Mu Phyo	Y. Yamaguchi K. Morita S. Shinmura	S. Ohnishi K. Miyagawa H. Kamano	S.M. Pulawski	K. Vesely K. Hagino Y. Itonaga A. Pérez-Obiol	Kei Suzuki S. Sakai K. Itahashi	J.K. Ahn* S.J. Kim Y. Ma Discussion	Lunch	14:30
15:00	M. Schäfer T. Gogami	K.H. Hicks C.W. Kao	Ken Suzuki T. Koike Wai Mu Mu Phyo	Y. Yamaguchi K. Morita S. Shinmura	S. Ohnishi K. Miyagawa H. Kamano	S.M. Pulawski	K. Vesely K. Hagino Y. Itonaga A. Pérez-Obiol	Kei Suzuki S. Sakai K. Itahashi	J.K. Ahn* S.J. Kim Y. Ma Discussion	Lunch	15:00
15:30	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	Lunch	15:30
16:00	1b A. Sakaguchi*	2b T. Mart N. Walford	3b J. Mareš*	4b A. Umeva S.B. Yang 4c T. Bressani* C. Rappold*	T. Sekihara E.A. Feijoo V. Magas L. Tolos	Coffee break	Coffee break	Coffee break	Coffee break	Move to Sakunami	16:00
16:30	T. Harada M. Nakagawa	H. Kanda Y. Tsuchikawa T. Hashimoto	A. Dote Y. Akaishi T. Yamazaki R. Münzer	S. Piano* Y. Xu E. Botta* Discussion	Xiang Liu* S. Takeuchi Xiaohai Liu	Coffee break	Coffee break	Coffee break	Coffee break	Move to Sakunami	16:30
17:00	R. Honda J. Yoshida S. Kinbara	Y. Tsuchikawa T. Hashimoto	Y. Akaishi T. Yamazaki R. Münzer	S. Piano* Y. Xu E. Botta* Discussion	Xiang Liu* S. Takeuchi Xiaohai Liu	Coffee break	Coffee break	Coffee break	Coffee break	Move to Sakunami	17:00
17:30										Discussion Session A	17:30
18:00	Japanese traditional music concert									Discussion Session A	18:00
18:30	Reception									Discussion Session A	18:30
19:00	Reception									Discussion Session B + Dinner	19:00
20:00	Reception									Discussion Session B + Dinner	20:00
21:00	Reception									Discussion Session B + Dinner	21:00

* Invited speaker in parallel sessions

Plenary	Parallel	Parallel (Topical Session)
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Plenary Sessions

Monday

Chair: A. Gal

- 1-1** 9:00 **P. Achenbach** (Mainz) High-resolution decay-pion spectroscopy of ${}^4_{\Lambda}\text{H}$ hypernuclei
1-2 9:30 **S.N. Nakamura** (Tohoku) Hypernuclear spectroscopy via $(e,e'K^+)$ reaction
1-3 10:00 **T. Motoba** (Osaka EC) Photoproduction of typical hypernuclei
10:30 coffee

Chair: B.F. Gibson

- 1-4** 11:00 **H. Tamura** (Tohoku) Gamma-ray spectroscopy of hypernuclei - recent results and prospect at J-PARC
1-5 11:30 **E. Hiyama** (RIKEN) Structure of few-body light Λ hypernuclei
1-6 12:00 **D. Gazda** (ECT*, Trento) No-core shell model approach to hypernuclear structure
-12:30

Tuesday

Chair: T. Motoba

- 2-1** 9:00 **A. Feliciello** (Torino) Experimental studies on the weak decay of Λ -hypernuclei
2-2 9:30 **K. Nakazawa** (Gifu) Experimental status of $S = -2$ hypernuclei
2-3 10:00 **N. Shah** (Shanghai) Study of hyperon interaction from heavy-ion collisions using STAR detector at RHIC
10:30 coffee

Chair: L. Tang

- 2-4** 11:00 **S. Gandolfi** (Los Alamos) The EOS of neutron matter, and the effect of Λ hyperons to neutron star structure
2-5 11:30 **K. Moriya** (Arizona SU) Electromagnetic production of strangeness at Jefferson Lab
2-6 12:00 **T. Nakano** (RCNP, Osaka) Present and future of LEPS and LEPS2
-12:30

Wednesday

Chair: M. Oka

- 3-1** 8:45 **N. Ishii** (RCNP, Osaka) Lattice determination of baryon-baryon potentials
3-2 9:15 **J. Haidenbauer** (Jülich) Baryon-baryon interactions from chiral effective field theory
3-3 9:45 **T.A. Rijken** (Nijmegen) Baryon-baryon $\{8\} \otimes \{8\}$ channels interactions
10:15 coffee

Chair: J. Pochodzalla

- 3-4** 10:45 **T. Saito** (Mainz) Recent progress of the HypHI project at GSI and its perspective at FAIR
3-5 11:15 **P. Braun-Munzinger** (GSI) 'Snowballs in Hell': production of hadrons and loosely bound objects in ultra-relativistic nuclear collisions
-11:45

Plenary Sessions

Thursday

Chair: C. Curceanu

- 4-1** 9:00 **T. Nagae** (Kyoto) Status of K^-pp search experiments
- 4-2** 9:30 **D. Jido** (Tokyo Met.) Mesons in nuclei and partial restoration of chiral symmetry
- 4-3** 10:00 **L. Fabbietti** (TU München) Strangeness nuclear physics with HADES
- 10:30 coffee

Chair: J. Mareš

- 4-4** 11:00 **J. Zmeskal** (SMI, Vienna) Probing strong interaction with kaonic atoms - from DAΦNE to J-PARC
- 4-5** 11:30 **C. Curceanu** (Frascati) Strangeness in the universe? Low-energy kaon-nuclei interaction studies by AMADEUS at the DAFNE collider
- 4-6** 12:00 **H. Lenske** (Giessen) Strangeness production on the nucleon and nuclei
- 12:30

Friday

Chair: T. Nagae

- 5-1** 9:00 **S.L. Olsen** (Seoul) Multiquark hadrons
- 5-2** 9:30 **A. Hosaka** (RCNP, Osaka) Charmed baryons and their interactions
- 5-3** 10:00 **H. Noumi** (RCNP, Osaka) Strange and charm hadron physics at J-PARC
- 10:30 coffee

Chair: T. Bressani

- 5-4** 11:00 **J. Pochodzalla** (Mainz) Physics of multistrange systems with antiprotons
- 5-5** 11:30 **L. Tang** (Hampton) Future plan on investigation of ΛN Interactions by electroproduction at JLab
- 5-6** 12:00 **N. Saito** (J-PARC) Present and future of J-PARC
- 5-7** 12:30 **A. Ramos** (Barcelona) Summary
- 13:30

Parallel Sessions Monday

* Invited speaker in parallel sessions

Session 1a *Chair: V.N. Fetisov Light Λ hypernuclei*

- 1a-1** 14:00 -14:30 **A. Gal** * (Jerusalem) Charge symmetry breaking in Λ hypernuclei
- 1a-2** 14:30 -14:50 **T.O. Yamamoto** (Tohoku) Study of charge symmetry breaking in ΛN interaction via the γ -ray spectroscopy of $^4_{\Lambda}\text{He}$
- 1a-3** 14:50 -15:05 **B.F. Gibson** (Los Alamos) Conjecture: a possible $nn\Lambda$ resonance
- 1a-4** 15:05 -15:20 **M. Schäfer** (NPI, Rež) Structure of light hypernuclei in the framework of Fermionic Molecular Dynamics
- 1a-5** 15:20 -15:35 **T. Gogami** (Kyoto) Missing mass spectroscopy of Λ hypernuclei with electron beams at Jefferson Lab

Coffee

Session 1b *Chair: A. Feliciello Neutron-rich Λ hypernuclei, Σ hypernuclei, Experimental techniques*

- 1b-1** 16:00 -16:30 **A. Sakaguchi** * (Osaka) Neutron-rich Λ hypernuclei
- 1b-2** 16:30 -16:50 **T. Harada** (Osaka EC) Pole of the S-matrix of the $^4_{\Sigma}\text{He}$ hypernucleus on Riemann sheets
- 1b-3** 16:50 -17:05 **M. Nakagawa** (Osaka) Search for excited state of Σ hypernucleus in the J-PARC E13 experiment
- 1b-4** 17:05 -17:20 **R. Honda** (Osaka) Experimental study of YN interaction in the neutron rich environment produced via the $^6\text{Li}(\pi^-, K^+)X$ reaction
- 1b-5** 17:20 -17:35 **J. Yoshida** (Gifu) Scanning systems for double strangeness nuclei in nuclear emulsion
- 1b-6** 17:35 -17:50 **S. Kinbara** (Gifu) Development of PID method in nuclear emulsion

Session 2a *Chair: J.K. Ahn Strangeness production, Final state interactions*

- 2a-1** 14:00 -14:30 **F. Hauenstein** * (Jülich) Strangeness production at COSY
- 2a-2** 14:30 -14:50 **Y. Ilieva** (South Carolina) Studies of Λ -neutron interaction through polarization observables for final-state interactions in exclusive Λ photoproduction off deuteron
- 2a-3** 14:50 -15:05 **M. Kaneta** (Tohoku) Study of Λ -n interaction via FSI in $\gamma + d$ reaction
- 2a-4** 15:05 -15:20 **K.H. Hicks** (Ohio) An update on a search for the pentaquark at CLAS
- 2a-5** 15:20 -15:35 **C.W. Kao**
(Chung Yuan CU) Kaon and pion fragmentation functions and semi-inclusive deep inelastic scattering

Coffee

Session 2b *Chair: H. Shimizu Photoproduction of strangeness, Kaonic atoms*

- 2b-1** 16:00 -16:20 **T. Mart** (Indonesia) Photoproduction of hyperon and hypertriton
- 2b-2** 16:20 -16:40 **N. Walford** (Basel) Polarization observables in $\gamma p \rightarrow K^+ + \Lambda$ and $K^+ + \Sigma^0$ using circularly polarized photons on a polarized frozen spin target
- 2b-3** 16:40 -17:00 **H. Kanda** (Tohoku) The recent results of strangeness photoproduction in the threshold region at ELPH-Tohoku
- 2b-4** 17:00 -17:15 **Y. Tsuchikawa**
(ELPH, Tohoku) $K^0\Lambda$ photoproduction studied with an electromagnetic calorimeter FOREST
- 2b-5** 17:15 -17:30 **T. Hashimoto** (RIKEN) Kaonic-atom X-ray spectroscopy with superconducting microcalorimeters

Parallel Sessions Monday

Session 3a *Chair: L. Fabbietti* $\bar{K}N$ and $\bar{K}NN$ systems I

- 3a-1** 14:00 -14:20 **F. Sakuma** (RIKEN) Recent results of the $\bar{K}NN$ search via the in-flight ${}^3\text{He}$ (K^- , N) reactions at J-PARC
- 3a-2** 14:20 -14:40 **O. Vazquez Doce** (TU München) YN and $Y\pi$ correlations from kaonic absorptions in the KLOE drift chamber
- 3a-3** 14:40 -14:55 **A.O. Tokiyasu** (ELPH, Tohoku) Study of $\Sigma\pi$ invariant mass spectrum in the $d(\gamma, K^+)X$ reaction
- 3a-4** 14:55 -15:10 **Ken Suzuki** (SMI, Vienna) Double resonance in Dalitz plot of $M(p\Lambda)-M(K\Lambda)$ in DISTO data on $p + p \rightarrow p + \Lambda + K^+$ at 2.85 GeV
- 3a-5** 15:10 -15:25 **T. Koike** (Osaka EC) $K^-pp - \bar{K}^0np$ coupled-channel DWIA calculation for (K^- , n) reaction spectrum
- 3a-6** 15:25 -15:40 **Wai Mu Mu Phyto** (Yadanabon) Λ^* -p structure of K^-pp and theoretical analyses of recent data from J-PARC

Coffee

Session 3b *Chair: A. Hosaka* $\bar{K}N$ and $\bar{K}NN$ systems II

- 3b-1** 16:00 -16:30 **J. Mareš *** (NPI, Řež) $\bar{K}N$ interactions in the nuclear medium and \bar{K} -nuclear quasi-bound states
- 3b-2** 16:30 -16:50 **A. Dote** (KEK) Double-pole structure on a prototype of kaonic nuclei " K^-pp "
- 3b-3** 16:50 -17:05 **Y. Akaishi** (RIKEN) Possible existence of Λ^* strangelets
- 3b-4** 17:05 -17:20 **T. Yamazaki** (U Tokyo) Strong binding and shrinkage of double \bar{K} nuclear system K^-K^-pp predicted by Faddeev-Yakubovsky calculations
- 3b-5** 17:20 -17:40 **R. Münzer** (TU München) Search for the kaonic bound state ppK^- in $pp \rightarrow pK^+\Lambda$ final state using partial wave analysis

Parallel Sessions Tuesday

* Invited speaker in parallel sessions

Session 4a *Chair: J. Haidenbauer Baryon-baryon interactions and Lattice QCD*

- 4a-1** 14:00 -14:20 **T. Doi** (RIKEN) Towards lattice QCD baryon forces at the physical point: First results
- 4a-2** 14:20 -14:35 **K. Sasaki** (Tsukuba) Coupled channel baryon-baryon interactions on the lattice
- 4a-3** 14:35 -14:50 **H. Nemura** (Tsukuba) A fast algorithm for lattice hyperonic potentials
- 4a-4** 14:50 -15:05 **Y. Yamaguchi** (YITP, Kyoto) Quark mass dependence of H-dibaryon
- 4a-5** 15:05 -15:20 **K. Morita** (YITP, Kyoto) N- Ω interaction from high energy heavy ion collisions
- 4a-6** 15:20 -15:35 **S. Shinmura** (Gifu) A new version of one-boson-exchange baryon-baryon potential model

Coffee

Session 4b *Chair: E. Hiyama Structure of Λ hypernuclei*

- 4b-1** 16:00 -16:20 **A. Umeya** (Nippon Inst. Tech.) Productions of $^{19}_{\Lambda}\text{F}$ and the electromagnetic properties
- 4b-2** 16:20 -16:40 **S.B. Yang** (Seoul) The first γ -ray spectroscopic study of sd-shell hypernucleus, $^{19}_{\Lambda}\text{F}$

Session 4c Topical session "Lifetime measurement of hypertriton" organized by T. Bressani

- 4c-0** 16:40 -16:45 **T. Bressani** * (Torino) Opening
- 4c-1** 16:45 -17:00 **C. Rappold** * (GSI) On the shorten hypertriton lifetime: Current experimental status and HypHI contribution
- 4c-2** 17:00 -17:15 **S. Piano** * (Trieste) Measurement of the hypertriton lifetime at ALICE
- 4c-3** 17:15 -17:30 **Y. Xu** (SINAP, Shanghai) Lifetime measurement of hypertriton at STAR
- 4c-4** 17:30 -17:45 **E. Botta** * (Torino) Possible measurement of the lifetime of hydrogen hyperisotopes at J-PARC and JLab
- 4c-5** 17:45 -18:15 Discussion

Session 5a *Chair: A. Dote Meson-baryon interactions, $\Lambda(1405)$ and $\bar{K}N$ interaction*

- 5a-1** 14:00 -14:30 **L. Roca** * (Murcia) On the double pole structure of the $\Lambda(1405)$
- 5a-2** 14:30 -14:50 **K. Inoue** (RCNP, Osaka) Spectroscopic study of hyperon resonance below $\bar{K}N$ threshold via $d(K^-, n)$ reaction at J-PARC
- 5a-3** 14:50 -15:05 **S. Ohnishi** (Hokkaido) Signature of $\Lambda(1405)$ in $K^- d \rightarrow \pi \Sigma n$ reaction
- 5a-4** 15:05 -15:20 **K. Miyagawa** (Okayama) Faddeev calculation of the $K^- d \rightarrow \pi \Sigma n$ reaction in the $\Lambda(1405)$ resonance region
- 5a-5** 15:20 -15:35 **H. Kamano** (RCNP, Osaka) Establishing mass spectrum of $S = -1$ hyperon resonances via a dynamical coupled-channels analysis of $K^- p$ reactions

Coffee

Chair: D. Jido Meson-baryon interactions, Heavier resonances

- 5a-6** 16:00 -16:15 **T. Sekihara** (RCNP, Osaka) $\Xi(1690)$ as a $\bar{K}\Sigma$ molecular state
- 5a-7** 16:15 -16:30 **E.A. Feijoo** (Barcelona) The role of high spin hyperon resonances in the cascade production meson-baryon reactions
- 5a-8** 16:30 -16:45 **V. Magas** (Barcelona) The $\Lambda_b \rightarrow J/\Psi K$ cascade decay and the NLO chiral terms of the meson-baryon interaction
- 5a-9** 16:45 -17:00 **L. Tolos** (ICE, Barcelona) Strangeness at extremes

Parallel Sessions Tuesday

Session 5b *Chair: T. Hyodo Hadrons with heavy flavors*

- 5b-1** 17:00 -17:30 **Xiang Liu** * (Lanzhou) XYZ states: Resonant and nonresonant new phenomena
- 5b-2** 17:30 -17:50 **S. Takeuchi**
(Japan Coll. Social Work) Radiative decays of the X(3872) in the charmonium-molecule hybrid picture
- 5b-3** 17:50 -18:05 **Xiaohai Liu** (Tokyo Inst. Tech.) Searching for detectable effects induced by anomalous threshold singularities

Session 6a *Chair: T. Saito Strangeness from heavy ion and p-p collisions*

- 6a-1** 14:00 -14:30 **A. Ohnishi** (YITP, Kyoto) Λ - Λ interaction from two-particle intensity correlation in relativistic heavy-ion collisions
- 6a-2** 14:30 -14:45 **I. Vassiliev** (GSI) Hypernuclei program at the CBM experiment
- 6a-3** 14:45 -15:00 **A.S. Botvina** (Frankfurt) Formation of hypernuclei in relativistic ion collisions
- 6a-4** 15:00 -15:15 **S.M. Pulawski** (Silesia) Strangeness production in p+p interactions at 20, 31, 40, 80 and 158 GeV/c from NA61/SHINE at the CERN SPS

Session 6b **Topical session "Hyperon puzzle in neutron stars" organized by I. Bombaci**

- 6b-1** 15:15 -15:45 **I. Bombaci** * (Pisa) The hyperon puzzle in neutron stars
- 6b-2** 15:45 -16:15 **Y. Yamamoto** * (RIKEN)
Coffee Hyperon mixing and universal many-body repulsion in neutron stars
- 6b-3** 16:35 -16:50 **T. Takatsuka** (RIKEN) Universal 3-body force as a candidate to solve the "hyperon crisis" problem
- 6b-4** 16:50 -17:05 **H. Togashi** (RIKEN) Variational approach to neutron star matter with hyperons
- 6b-5** 17:05 -17:20 **D. Lonardonì** (Argonne) From hypernuclei to neutron stars: looking for the pieces of the puzzle
- 6b-6** 17:20 -17:35 **T. Muto** (Chiba Inst. Tech.) Interplay of kaons and hyperons in multi-strangeness systems in relativistic mean-field theory
- 6b-7** 17:35 -17:50 **T. Miyatsu** (Soongsil U) Properties of neutron stars with hyperons and quarks using relativistic Hartree-Fock approximation and MIT bag model
- 6b-8** 17:50 -18:05 **C. Nakamoto** (Suzuka Collage) Quark-Pauli effect in the three baryon-octet systems
- 6b-9** 18:05 -18:25 Discussion

Parallel Sessions Thursday

* Invited speaker in parallel sessions

Session 7a *Chair: H. Lenske Structure and decay of Λ hypernuclei*

- 7a-1** 14:00 -14:30 **M. Isaka** * (RIKEN) Impurity effects in Λ hypernuclei
- 7a-2** 14:30 -14:45 **X.R. Zhou** (Xiamen) Shape and energy spectra of hypernuclei in the framework of Skyrme-Hartree-Fock model
- 7a-3** 14:45 -15:00 **K. Vesely** (INP, Řež) Mean-field and beyond mean-field calculations of Λ hypernuclei
- 7a-4** 15:00 -15:20 **K. Hagino** (Tohoku) Beyond-mean-field approach to low-lying spectra of Λ hypernuclei
- 7a-5** 15:20 -15:35 **Y. Itonaga** (Gifu) Nonmesonic weak decays and roles of strange meson exchanges in the extended model
- 7a-6** 15:35 -15:50 **A. Pérez-Obiol** (INP, Řež) Non-mesonic weak decay of the hypertriton with effective field theory

Coffee

Session 8a *Chair: A. Ohnishi Hadrons with heavy flavors, Mesons in nuclei*

- 8a-1** 14:00 -14:20 **T. Hyodo** (YITP, Kyoto) Compositeness of hadrons and near-threshold dynamics
- 8a-2** 14:20 -14:35 **T. Yoshida** (Tokyo Inst. Tech.) Spectroscopy and structure of excited heavy baryons
- 8a-3** 14:35 -14:50 **S. Yasui** (Tokyo Inst. Tech.) Charm hadrons in nuclear systems
- 8a-4** 14:50 -15:05 **S. Maeda** (Tokyo Inst. Tech.) $Y_c N$ bound and resonance states in the potential model
- 8a-5** 15:05 -15:20 **Kei Suzuki** (RIKEN) D meson properties in nuclear medium from QCD sum rules
- 8a-6** 15:20 -15:35 **S. Sakai** (Kyoto) The $\eta \rightarrow 3\pi$ decay in nuclear medium as a possible probe for chiral restoration
- 8a-7** 15:35 -15:50 **K. Itahashi** (RIKEN) Search for η' mesic nuclei in GSI/FAIR

Coffee

Session 9a **Topical session "YN scattering experiments" organized by K. Imai**

- 9a-0** 14:00 -14:05 **K. Imai** * (JAEA) Opening
- 9a-1** 14:05 -14:20 **M. Oka** * (Tokyo Inst. Tech.) Theory overview of the YN interactions and scatterings
- 9a-2** 14:20 -14:45 **K. Miwa** * (Tohoku) High statistics Σp scattering experiment using high intensity pion beams at J-PARC
- 9a-3** 14:45 -15:10 **J.K. Ahn** * (Korea U) Search for the H-dibaryon in (K^- , K^+) reaction at J-PARC
- 9a-4** 15:10 -15:25 **S.J. Kim** (Korea BSI) Measurement of the $\Xi^- p \rightarrow \Lambda\Lambda$ Cross Sections at $p_{\Xi} = 0.2 - 0.8$ GeV/c with a scintillating fiber target
- 9a-5** 15:25 -15:40 **Y. Ma** (RIKEN) Probe short-range YN interaction via scattering experiment
- 9a-6** 15:40 -15:55 Discussion

Poster Session**Thursday 16:15~18:30**

A01	Y. Sasaki	Tohoku	$^{19}_{\Lambda}\text{F}$ hypernuclear production using the (K^-, π^-) reaction
A02	M. Ukai	Tohoku	Prospect of gamma-ray spectroscopy of $^4_{\Lambda}\text{H}$ at J-PARC
A03	T. Hashimoto	RIKEN	Kaonic-atom X-ray spectroscopy with superconducting microcalorimeters
A04	Myint Kyaw Soe	Gifu	Study of lifetimes and binding energies of light single hypernuclei with nuclear emulsion
A05	H. Ekawa	Kyoto	Double hypernuclei search experiment with hybrid emulsion method at J-PARC (J-PARC E07)
A06	S.H. Hayakawa	Osaka	Double hypernuclei experiment with hybrid emulsion method at J-PARC
A07	H. Kobayashi	Gifu	Development of semi-automatic α -decay track measurement
A08	J.Y. Lee	Seoul	Development of silicon microstrip detector as a high resolution tracker at J-PARC
A09	D. Nakashima	Gifu	The alignment method of the emulsion plates for Ξ -hyperon tracking on J-PARC E07
A10	T.J. Moon	Seoul	Development of matrix trigger module for J-PARC E03/E07
A11	H. Ito	Gifu	Status of nuclear emulsion plates for J-PARC E07 experiment
A12	S. Kanatsuki	Kyoto	Construction status of a new spectrometer "S-2S" for spectroscopy of hypernuclei with multi-strangeness
A13	Y. Akazawa	Tohoku	Σp scattering experiment in J-PARC (E40) and its development status
A14	Y. Nakada	Osaka	Scattered proton detection system for Σp scattering experiment with the cylindrical scintillating fiber tracker and BGO calorimeters
A15	S.H. Kim	Korea U	Simulation Studies for a Hyperon Time Projection Chamber (HypTPC) at J-PARC
A16	S.H. Hwang	JAEA	Measurement of the radiative decay of $\Lambda(1405)$ by using a large acceptance Hyperon spectrometer at J-PARC
A17	Y. Tsuchikawa	ELPH, Tohoku	$\text{K}^0\Lambda$ photoproduction studied with an electromagnetic calorimeter FOREST
A18	H. Sako	JAEA	Study of baryon excited states in $(\text{p}, 2\text{p})$ reactions at J-PARC
A19	I. Vassiliev	GSI	Hypernuclei program at the CBM experiment
A20	Ken Suzuki	SMI, Vienna	Double resonance in Dalitz plot of $M(\text{p}\Lambda)\text{-}M(\text{K}\Lambda)$ in DISTO data on $\text{p} + \text{p} \rightarrow \text{p} + \Lambda + \text{K}^+$ at 2.85 GeV

Poster Session**Thursday 16:15~18:30**

B01	V.N. Fetisov	Lebedev Inst.	Shell model spectra of light hypernuclei with ΛN and ΛNN forces: the final results concerned hyperon-nucleon interaction parameters
B02	T. Harada	Osaka EC	Production spectra of neutron-rich hypernuclear states in the ${}^6\text{Li}(\pi^-, \text{K}^+)$ reaction at 1.2 GeV/c
B03	A. Pérez-Obiol	INP, Řež	Non-mesonic weak decay of the hypertriton with effective field theory
B04	M. Schäfer	NPI, Řež	Structure of light hypernuclei in the framework of Fermionic Molecular Dynamics
B05	H. Kamada	Kyushu Inst. Tech.	A Faddeev calculation of α - Λ - Λ bound state with three-dimensional treatment
B07	T. Koike	Osaka EC	Ξ - nuclear absorption process in Ξ^- - ${}^{14}\text{N}$ atom cascade
B08	M. Dhar	Giessen	Hyperon interaction in free space and nuclear matter
B09	T. Yamazaki	U Tokyo	Strong binding and shrinkage of double $\bar{\text{K}}$ nuclear system $\text{K}^- \bar{\text{K}}^- pp$ predicted by Faddeev-Yakubovsky calculation
B10	T. Muto	Chiba Inst. Tech.	Interplay of kaons and hyperons in multi-strangeness systems in relativistic mean-field theory
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