Plenary Sessions
Sep. 14 (Mon)

Opening Session (Chair: K. Imai)
9:00 - 9:10 K. Imai (Kyoto) Opening Address
9:10 - 9:15 K. Nishikawa (KEK) Welcome Address
9:15 - 9:20 S. Nagamiya (J-PARC) Welcome Address

Plenary 1 Spectroscopy of Hypernuclei (Chair: B.F. Gibson)
9:20 - 9:50 H. Tamura (Tohoku) Gamma-ray spectroscopy of hypernuclei
9:50 - 10:20 D.J. Millener (BNL) Shell-model structure of light hypernuclei
10:20 - 10:40 H.-J. Schulze (Catania) Hypernuclei with a microscopic Λ-nucleon force
10:40 - 11:10 Coffee Break

Plenary 2 Strange Mesons in Nuclei (Chair: T. Bressani)
11:10 - 11:40 M. Cargnelli (SMI) Kaonic Atoms studies at DAΦNE in SIDDHARTA experiment
11:40 - 12:10 S. Piano (Trieste) Recent results on K-absorption by few nucleons and the Bound Kaonic Nuclear State Puzzle
12:10 - 12:40 M. Maggiora (Torino) DISTO data on Kpp
12:40 - 14:00 Lunch

Plenary 3 Strange Mesons in Nuclei (Chair: M. Oka)
14:00 - 14:30 W. Weise (Munich) Kbar-Nucleus Interaction
14:30 - 14:50 D. Jido (YITP) The nature of Λ(1405) in chiral dynamics
14:50 - 15:10 Y. Akaishi (RIKEN) Single-pole nature of Λ(1405) and structure of Kpp
15:10 - 15:30 Coffee Break

Plenary 4 New Facilities and Strangeness in Heavy Ion Reaction (Chair: J. Pochodzalla)
15:30 - 15:50 K. Tanida (Seoul) Experimental Program at J-PARC
15:50 - 16:10 K.H. Tanaka (KEK) Construction and Status of Hadron Experimental Hall
16:10 - 16:30 T. Takahashi (KEK) Experimental apparatus at Hadron Experimental Hall
16:30 - 17:00 P. Senger (GSI) Strangeness production in Heavy-Ion collisions
17:00 - 17:20 T.R. Saito (Mainz) The HypHI Phase0 experiment at GSI
17:20 - 17:40 Jinhui Chen (Shanghai) Anti-hypernucleus physics at RHIC
18:00 - 19:30 Poster Session 1
Sep. 15 (Tue)

**Plenary 5 Spectroscopy of Hypernuclei (Chair: R. Schumacher)**

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<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Topic</th>
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<tbody>
<tr>
<td>9:00</td>
<td>O. Hashimoto (Tohoku)</td>
<td>(e,e’K⁺) spectroscopy at JLab Hall-C</td>
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<tr>
<td>9:30</td>
<td>F. Cusanno (Rome)</td>
<td>(e,e’K⁺) spectroscopy at JLab Hall-A</td>
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<tr>
<td>10:00</td>
<td>T. Harada (OsakaE&amp;C)</td>
<td>Neutron-rich Hypernuclei</td>
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9:30 - 11:00 Coffee Break

**Plenary 6 Weak Decay of Hypernuclei (Chair: H. Bhang)**

<table>
<thead>
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<th>Time</th>
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<th>Topic</th>
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<tbody>
<tr>
<td>11:00</td>
<td>G. Garbarino (Torino)</td>
<td>Weak decays of hypernuclei: Theory review</td>
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<tr>
<td>11:30</td>
<td>E. Botta (Torino)</td>
<td>Recent results on mesonic and non-mesonic weak decays</td>
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<tr>
<td>12:00</td>
<td>H. Outa (RIKEN)</td>
<td>Weak decay studies at KEK</td>
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<tr>
<td>12:20</td>
<td>P. Gianotti (Frascati)</td>
<td>PANDA experiment at FAIR</td>
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12:40 - 14:00 Lunch

14:00 - 18:00 Parallel Sessions

18:00 - 19:30 Poster Session 2

Sep. 16 (Wed)

**Plenary 7 Baryon-Baryon Interaction (Chair: Y. Yamamoto)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Topic</th>
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<tbody>
<tr>
<td>9:00</td>
<td>T.A. Rijken (Nijmegen)</td>
<td>Status of our understanding on the YN interaction</td>
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<tr>
<td>9:30</td>
<td>J. Haidenbauer (Julich)</td>
<td>Baryon-Baryon interactions in effective field theory</td>
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<tr>
<td>10:00</td>
<td>H. Nemura (Tohoku)</td>
<td>Baryon-Baryon interactions in Lattice QCD</td>
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10:30 - 11:00 Coffee Break

**Plenary 8 Baryon-Baryon Interaction and Strangeness in Hadron Structure (Chair: A. Ramos)**

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<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Topic</th>
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<tbody>
<tr>
<td>11:00</td>
<td>A. Parreno (Barcelona)</td>
<td>YN interaction with Lattice QCD</td>
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<tr>
<td>11:30</td>
<td>K. Hashimoto (RIKEN)</td>
<td>Nuclear force from String theory</td>
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<tr>
<td>12:00</td>
<td>B.S. Zou (Beijing)</td>
<td>5-quark components in baryons</td>
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</tbody>
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12:30 - Excursion
Sep. 17 (Thu)

**Plenary 9 S=-2 Systems (Chair: V.N. Fetisov)**

- 9:00 - 9:30 K. Nakazawa (Gifu) Double-Λ hypernuclei in Hybrid-Emulsion experiments
- 9:30 - 10:00 E. Hiyama (RIKEN) Few body systems with S=-1, -2
- 10:00 - 10:30 T. Motoba (OsakaE&C) Structure and production of p-shell Ξ-hypernuclei

10:30 - 11:00 Coffee Break

**Plenary 10 Elementary Strangeness Production (Chair: Yu-Gang Ma)**

- 11:00 - 11:30 R. Schumacher (CMU) Hyperon Photo- and Electro-production experiments at CLAS
- 11:30 - 12:00 W.C. Chang (Taiwan) Photoproduction of Hyperon resonances at SPring-8
- 12:00 - 12:30 P. Bydzovsky (Rez) Strangeness Electromagnetic Production on Nucleons and Nuclei

12:30 - 14:00 Lunch

14:00 - 18:00 **Parallel Sessions**

19:00 - **Banquet**

Sep. 18 (Fri)

**Plenary 11 Exotic Hadrons (Chair: T. Kishimoto)**

- 9:00 - 9:30 T. Nakano (RCNP) Penta-quark
- 9:30 - 10:00 S. Olsen (Seoul) Exotic charmonium states
- 10:00 - 10:30 E. Oset (Valencia) Baryon resonances

10:30 - 11:00 Coffee Break

**Plenary 12 Strangeness in Hadronic Matter (Chair: A. Gal)**

- 11:00 - 11:30 J. Schaffner-Bielich (Frankfurt) Strangeness in compact stars
- 11:30 - 12:00 J. Mares (Rez) Kaon condensation and multi-strange matter
- 12:00 - 12:30 K. Sumiyoshi (Numazu) Emergence of hyperons in failed supernovae with short neutrino bursts

12:30 - 13:00 T. Bressani (Torino) Summary

**Adjourn**
Parallel Sessions
Sep. 15 (Tue)

Parallel Session 1-A (Chair: T. Fukuda)
14:00 - 14:15 Y. Fujiwara (Tokyo) Confirmation of kaons in the J-PARC K1.8BR beamline
14:15 - 14:30 P. Achenbach (Mainz) First measurements of \( \Lambda \) and \( \Sigma^0 \) hyperons in elementary electroproduction at MAMI
14:30 - 14:45 K. Hicks (Ohio) \( K^* \) photoproduction from the proton at CLAS
14:45 - 15:00 H. Kanda (Tohoku) Strangeness photoproduction experiments at SENDAI
15:00 - 15:15 S. Ozaki (RCNP) \( \phi \)-photoproduction in a coupled-channel approach
15:15 - 15:30 K. Moriya (CMU) Properties of the \( \Lambda(1405) \) Hyperon measured at CLAS
15:30 - 16:00 Coffee Break
16:00 - 16:15 R. Shyam (Saha) Description of \( \gamma p \rightarrow K^* \Lambda \) and \( \gamma p \rightarrow K^* \Sigma^0 \) reactions within a coupled-channels K-matrix approach
16:15 - 16:30 A.M. Torres (Valencia) Exotic hadrons in the N\( \pi \)K system and coupled channels
16:30 - 16:45 J.K. Ahn (Pusan) The Nature of \( \Lambda(1405) \) from Photoproduction at SPring-8/LEPS
16:45 - 17:00 L. Fabbietti (Munich) Study of the \( \Lambda(1405) \) resonance in proton induced reactions
17:00 - 17:15 K. Tsushima (JLab) Photoproduction of \( \Lambda \) hypernuclei in the quark-meson coupling model
17:15 - 17:30 J.M. Camalich (Valencia) Properties of hyperons in covariant chiral perturbation theory
17:30 - 17:45 P. Gubler (TIT) \( S=+1 \) Pentaquarks in QCD Sum Rules
17:45 - 18:00 T.T. Takahashi (YITP) Pseudoscalar-Meson Octet-Baryon Coupling Constants from two-flavor Lattice QCD

Parallel Session 1-B (Chair: T. Motoba)
14:00 - 14:15 Y. Yamamoto (Tsuru) Hypernuclear properties derived from the new interaction model ESC08
14:15 - 14:30 D.E. Lanskoy (Moscow) Reaction (\( K^-,K^+ \)) and properties of double-strangeness hypernuclei
14:30 - 14:45 C. Samanta (Richmond) \( \Xi \)-binding in a generalized mass formula and the quark-meson coupling model
14:45 - 15:00 M. Kohno (Kyushu DC) Quark-model predictions for the \( \Xi N \) interaction and the implications to \( \Xi \) hypernuclei
15:00 - 15:15 C.-J. Yoon (Seoul) Extraction of \( \Lambda \Lambda \) scattering length
15:15 - 15:30 T. Furumoto (RIKEN) Hyperon-nucleus folding potentials in the complex G-matrix approach
15:30 - 16:00 Coffee Break
16:00 - 16:15 M. Kimura (Hokkaido) Spin-dependence of \( \Xi N \) interaction and \( \Xi \) hypernuclear production spectrum
16:15 - 16:30 J. Pochodzalla (Mainz) Statistical Decay of Excited \( \Lambda \Lambda \) Hypernuclei
16:30 - 16:45 T. Muto (Chiba) Effects of \( \Lambda(1405) \) on the Structure of Multi-Antikaonic Nuclei
16:45 - 17:00 A. Ohnishi (YITP) EOS table of hyperonic matter for core-collapse supernovae
17:00 - 17:15 L. Tolos (Groningen) Strange mesons from SIS to FAIR
17:15 - 17:30 C.H. Hyun (Daegu) Electromagnetic properties of the baryon at high density and temperature
17:30 - 17:45 I. Vidana (Coimbra) Effect of \( \Lambda \) hyperons on the neutron drip line
17:45 - 18:00

18:00 - 19:30 Poster Session 2
Parallel Session 2-A (Chair: J. Mares)

14:00 - 14:15  T. Kishimoto (Osaka)  Kaon-Nucleus Potential and the in-flight \((K^-, N)\) Reaction Mechanism

14:15 - 14:30  A. Ramos (Barcelona)  The \((K^-, p)\) reaction on nuclei with in-flight kaons

14:30 - 14:45  T. Bressani (Torino)  Evidence of a narrow peak in the invariant mass distribution of \(\Lambda p\) system observed in the pbar annihilation at rest on \(^4\text{He}\)

14:45 - 15:00  A. Dote (KEK)  \(K^-pp\) studied with Coupled-Channel Complex Scaling Method

15:00 - 15:15  N.V. Shevchenko (Rez)  Two- and three-body resonances in the KbarNN-\(\pi\Sigma\)N system

15:15 - 15:30  Y. Ikeda (Osaka)  On the resonance energy of the KbarNN-\(\pi\)YN system

15:30 - 15:45  Coffee Break

16:00 - 16:15  T. Koike (RIKEN)  \(^3\text{He}\)(in-flight \(K^-\)) spectrum and moving pole of a deeply-bound \(K^-pp\) state in complex energy plane

16:15 - 16:30  T. Sekiha (Kyoto)  \(\Lambda(1405)\)-induced non-mesonic decay in kaonic nuclei

16:30 - 16:45  J. Esmaili (RIKEN)  Experimental confirmation of the \(\Lambda(1405)\) Anzatz from resonant formation of a \(K^-p\) quasi-bound state in the \(K^-\) absorption by \(^3\text{He}\) and \(^4\text{He}\)

16:45 - 17:00  N. Grion (Trieste)  Study of the \(K^-\Sigma\pi\) reaction

17:00 - 17:15  Y. Fujii (Tohoku)  KbarN and \(\pi\Sigma\) Amplitudes in One-Hadron-Exchange Potential Model

17:15 - 17:30  T. Hyodo (TIT)  Origin of resonances in chiral dynamics

17:30 - 17:45  E. Widmann (Vienna)  The AMADEUS experiment

Parallel Session 2-B (Chair: D.J. Millener)

14:00 - 14:15  G. Bonomi (Brescia)  FINUDA hypernuclear spectroscopy

14:15 - 14:30  P. Finelli (Bologna)  Spectroscopy of hypernuclei from in-medium chiral dynamics

14:30 - 14:45  Ma Yue (Tohoku)  Updated results on the \(^{11}\text{A}\)B and \(^{12}\text{A}\)C \(\gamma\)-ray spectroscopy study

14:45 - 15:00  V.N. Fetisov (Lebedev)  Shell model of light hypernuclei with \(\Lambda N\) and \(\Lambda NN\) forces derived from hypernuclear \(\gamma\)-line data

15:00 - 15:15  A. Umeya (RIKEN)  Shell-model study on Sigma-mixing in neutron-rich Lithium Lambda hypernuclei

15:15 - 15:30  Y. Fujii (Tohoku)  The second generation hypernuclear spectroscopy at JLab Hall C

15:30 - 16:00  Coffee Break

16:00 - 16:15  E. Bauer (La Plata)  A Theoretical Determination of \(N_{\text{nuc}}/N_{\text{np}}\) in Hypernuclear Non-Mesonic Weak Decay

16:15 - 16:30  L. Majling (Rez)  Delayed clusters accompanying non-mesonic weak decay of the hypernuclei

16:30 - 16:45  Kim Mijung (Seoul)  Coincidence measurement of the weak decay of \(^{12}\text{A}\)C and the three-body weak decay process at J-PARC 50-GeV PS

16:45 - 17:00  H. Machner (Julich)  Hyperon-Nucleon Interactions Studied in FSI

17:00 - 17:15  P. Genova (Pavia)  Inclusive proton spectra from stopped \(K^-\) absorption in nuclei with FINUDA

17:15 - 17:30  A. Filippi (Torino)  Study of two-body non-mesonic decays of light hypernuclei with FINUDA

17:30 - 17:45  San San Mon (Mandalay)  Feshbach Resonance due to Coherent \(\Lambda-\Sigma\) Coupling in \(^7\Lambda\)He

17:45 - 18:00  J. Lukstins (DUBNA)  NIS-GIBS Spectrometer for hypernuclear research

19:00 -  Banquet