

Poster Session

Monday, March 7 (17:30-20:30) and Tuesday, March 8 (17:30-19:30)

All posters can be presented at both sessions.

P-01	<i>Beam dynamics studies and design optimisation of new low energy antiproton facilities,</i> J. Resta-Lopez, J. R. Hunt, and C. P. Welsch
P-02	<i>Beam Quality Measurements for Low Energy Antiproton Machines,</i> J. R. Hunt, J. Resta-Lopez, C. Carli, and C. P. Welsch
P-03	<i>Physics with FLAIR,</i> C. P. Welsch
P-04	<i>Beam Diagnostics for Low Energy Antiproton,</i> C. P. Welsch, A. Alexandrova, M. Fernandes, J. Harasimowicz, J. Hunt, A. Jeff, M. Putignano, J. Resta-Lopez, A. Sosa, J. Tan, V. Tzoganis, H. Zhang
P-05	<i>Detector Challenges at the PANDA Experiment,</i> Lars Schmitt, for the PANDA Collaboration
P-06	<i>Data Acquisition and Online Event Selection for the PANDA Experiment,</i> W. Kühn, S. Lange, Y. Liang, Z. -A. Liu, S. Reiter, M. Wagner, and J. Zhao for the PANDA collaboration
P-07	<i>GAPS antiproton and antideuteron measurement for indirect dark matter search,</i> Hideyuki Fuke for the GAPS collaboration
P-08	<i>Spectroscopy of nuclei with multi-strangeness using new S-2S spectrometer at J-PARC,</i> T. Gogami for the J-PARC E05 collaboration
P-09	<i>Exotic nuclei with double strangeness in nuclear emulsion,</i> Junya Yoshida, Hiroki Ito, Shinji Kinbara, Hidetaka Kobayashi, Daisuke Nakashima, Kazuma Nakazawa, Myint Kyaw Soe, Aye Moh Moh Theint, Go Sian Huai and J-PARC E07 collaboration
P-10	<i>Measurement of muonium hyperfine structure at J-PARC,</i> K. S. Tanaka, M. Aoki, H. Iinuma, Y. Ikedo, K. Ishida, M. Iwasaki, Y. Ueno, R. Ohkubo, T. Ogitsu, R. Kadono, O. Kamigaito, N. Kawamura, D. Kawall, S. Kanda, K. Kubo, T. Kume, A. Koda, K. Kojima, N. Saito, N. Sakamoto, K. Sasaki, K. Shimomura, M. Sugano, D. Tomono, A. Toyoda, H. A. Torii, E. Torikai, K. Nagamine, K. Nishiyama, P. Strasser, Y. Fukao, Y. Fujiwara, Y. Matsuda, T. Mibe, Y. Miyake, M. Yoshida
P-11	<i>Development of a fiber beam profile monitor for the experiments with low energy charged particle beam,</i> S. Kanda and Y. Fukao for the MuSEUM Collaboration
P-12	<i>Development of 3D Muon Beam Monitoring System for New Spectroscopy of Muonium,</i> Yasuhiro Ueno for MuSEUM collaboration
P-13	<i>Precision X-ray measurement of light kaonic atoms at LNF,</i> Johann Zmeskal for the SIDDHARTA collaboration
P-14	<i>Low-energy antikaons interaction with nuclei: the AMADEUS challenge,</i> J. Marton on behalf of the AMADEUS Collaboration
P-15	<i>Superconducting beam charge monitors for antiproton storage rings,</i> Volker Tympel, Ralf Neubert, Paul Seidel, René Geithner, Jessica Golm, Thomas Stöhlker, Febin Kurian, Thomas Sieber, Marcus Schwickert, Miguel Fernandes

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P-16	<i>High-Precision Mass Measurements with PENTATRAP,</i> R. X. Schüssler, H. Bekker, J. R. Crespo López-Urrutia, S. Eliseev, P. Filianin, M. Goncharov, Yu. N. Novikov, A. Rischka, S. Sturm, S. Ulmer, K. Blaum
P-17	<i>Simulations on mixing charged particles in a nested Penning trap,</i> C. Kaga, K. Osaki, K. Fukushima, K. Ito, H. Higaki, and H. Okamoto
P-18	<i>Antihydrogen synthesis in a double-cusp trap,</i> N. Kuroda, M. Tajima, B. Radics, P. Dupré, Y. Nagata, C. Kaga, Y. Kanai, M. Leali, E. Lodi-Rizzini, V. Mascagna, T. Matsudate, H. Breuker, H. Higaki, Y. Matsuda, S. Ulmer, L. Venturelli, Y. Yamazaki
P-19	<i>Manipulation and transport of antiprotons for an efficient production of antihydrogen atoms,</i> M. Tajima, N. Kuroda, P. Dupré, B. Radics, Y. Nagata, Y. Kanai, T. Matsudate, H. Breuker, H. Higaki, Y. Matsuda, S. Ulmer, Y. Yamazaki
P-20	<i>Measurements and 3D reconstruction of antimatter annihilations with the ASACUSA Micromegas Tracker,</i> B. Radics, H. Breuker, P. Dupre, Y. Higashi, C. Kaga, M. Leali, E. Lodi-Rizzini, V. Mascagna, T. Matsudate, D. J. Murtagh, Y. Nagata, M. Tajima, H. A. Torii, S. Van Gorp, H. Higaki, Y. Kanai, N. Kuroda, Y. Matsuda, S. Ulmer, L. Venturelli, Y. Yamazaki
P-21	<i>Antihydrogen formation and level population evolution during passage through a positron plasma,</i> B. Radics, D. J. Murtagh, Y. Yamazaki and F. Robicheaux
P-22	<i>Population redistribution of cold Rydberg atoms,</i> Aiko Takamine, Riki Shiozuka, and Haruka Maeda
P-23	<i>The development of the antihydrogen beam detector: toward the three dimensional tracking with a BGO crystal and a hodoscope,</i> Y. Nagata, N. Kuroda, C. Sauerzopf, B. Kolbinger, C. Malbrunot, A. Capon, M. Diermaier, P. Dupre, B. Radics, M. Tajima, C. Kaga, M. Leali, E. Lodi-Rizzini, V. Mascagna, O. Massiczek, T. Matsudate, D. Murtagh, M. C. Simon, K. Suzuki, H. Breuker, H. Higaki, Y. Kanai, Y. Matsuda, S. Ulmer, L. Venturelli, E. Widmann, Y. Yamazaki
P-24	<i>A Detector for Measuring the Ground State Hyperfine Splitting of Antihydrogen,</i> B. Kolbinger, H. Breuker, A. Capon, M. Diermaier, P. Dupré, H. Higaki, Y. Higashi, C. Kaga, Y. Kanai, M. Leali, E. Lodi-Rizzini, C. Malbrunot, V. Mascagna, O. Massiczek, Y. Matsuda, T. Matsudate, Y. Nagata, B. Radics, C. Sauerzopf, M. C. Simon, K. Suzuki, M. Tajima, H. A. Torii, S. Ulmer, N. Kuroda, L. Venturelli, E. Widmann, Y. Yamazaki, J. Zmeskal
P-25	<i>Prospects of in-flight hyperfine spectroscopy of (anti)hydrogen for tests of CPT,</i> B. Kolbinger and E. Widmann
P-26	<i>Analysing permanent sextupole magnets for ASACUSA's hydrogen experiment,</i> M. Fleck, M. Diermaier, B. Kolbinger, C. Malbrunot, O. Massiczek, C. Sauerzopf, M. C. Simon, J. Zmeskal, and E. Widmann
P-27	<i>The π-transition of the (anti)hydrogen hyperfine structure: improved B-field uniformity for ASACUSA's spin-flip cavity,</i> M. C. Simon, M. Diermaier, M. Hummer, B. Kolbinger, C. Malbrunot, O. Massiczek, C. Sauerzopf, J. Zmeskal, and E. Widmann
P-28	<i>Recent results on the antiproton-nucleus annihilation cross section at low energy,</i> H. Aghai-Khozani, M. Corradini, R. Hayano, M. Hori, M. Leali, E. Lodi-Rizzini, V. Mascagna, Y. Murakami, M. Prest, E. Vallazza, L. Venturelli, H. Yamada

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P-29	<i>Experimental apparatus for antiproton-nucleus annihilation cross section measurements at low-energy,</i> H. Aghai-Khozani, M. Corradini, R. Hayano, M. Hori, M. Leali, E. Lodi-Rizzini, V. Mascagna, Y. Murakami, M. Prest, L. Solazzi, E. Vallazza, L. Venturelli, H. Yamada
P-30	<i>Development of a lead fluoride Cherenkov counter for Antiproton-nucleus annihilation cross section measurements,</i> H. Aghai-Khozani, D. Barna, R. S. Hayano, M. Hori, M. Leali, E. Lodi-Rizzini, V. Mascagna, Y. Murakami, A. Sótér, L. Venturelli, H. Yamada
P-31	<i>BASE: summary of the 2015 antiproton run,</i> T. Higuchi, H. Nagahama, C. Smorra, S. Sellner, T. Tanaka, N. Leefer, A. Mooser, G. Schneider, K. Blaum, Y. Matsuda, W. Quint, J. Walz, Y. Yamazaki and S. Ulmer
P-32	<i>Towards Quantum Logic Inspired Cooling and Detection for Single (Anti-) Protons,</i> T. Meiners, M. Niemann, A. -G. Paschke, J. Mielke, A. Idel, M. Borchert, K. Voges, A. Bautista-Salvador, S. Ulmer, C. Ospelkaus
P-33	<i>An Antiproton Deceleration Device for the GBAR Experiment at CERN,</i> A. Husson, D. Lunney and the GBAR collaboration
P-34	<i>Simulation Study of Frictional Cooling for True Muonium Formation,</i> Tring Hoa Lang, Chau Van Tao and Takahisa Itahashi
P-35	<i>The combined screened Coulomb and varying charge effects on doubly excited resonance states in the positronium negative ion,</i> Y. K. Ho
P-36	<i>Energy levels and structures of exotic molecules with negatively charged particle,</i> Yasushi Kino
P-37	<i>Systematic study of resonance states of positronic hydrogen-like atoms,</i> Takuma Yamashita, and Yasushi Kino
P-38	<i>Cosmological tests of modified gravity with future observations of growth rate of matter density perturbations,</i> Koichi Hirano
P-39	<i>Scalar glueball, excited scalar mesons and importance of antiproton data,</i> Denis Parganlija
P-40	<i>Equation of state of hyperonic nuclear matter at zero and finite temperatures with the variational method,</i> Hajime Togashi, Emiko Hiyama, Masatoshi Takano
P-41	<i>Impurity effects in deformed/clustering hypernuclei with antisymmetrized molecular dynamics,</i> Masahiro Isaka, Masaaki Kimura, Emiko Hiyama, and Hiroyuki Segawa
P-42	<i>Cluster structures in light hyper nuclei,</i> Yasuro Funaki
P-43	<i>Hadronic EDM and New physics beyond standard model,</i> Nodoka Yamanaka

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P-44	<i>The RIKEN micro-irradiation setup for studying the biological effects of antiproton annihilation particles in single cells,</i> V. Maeckel, N. Imamoto and Y. Yamazaki
P-45	<i>Interaction of antiprotons with nuclei,</i> J. Hrtánková and J. Mareš
P-46	<i>Recent results and Future prospects of Lambda hypernuclear spectroscopy with electron beams,</i> S. Nagao, P. Achenbach, F. Garibaldi, P. E. C. Markowitz, S. N. Nakamura, J. Pochodzalla, J. Reinhold, L. Tang, G. M. Urciuoli
P-47	<i>Francium: Tool for fundamental symmetry investigations,</i> U. Dammalapati, K. Harada, T. Hayamizu, K. Sakamoto, K. Kato, T. Aoki, S. Ito, T. Inoue, A. Uchiyama, H. Kawamura, M. Itoh, T. Aoki, A. Hatakeyama, and Y. Sakemi

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