

Curriculum Vitae

HiuChing Jenny Lee

Email: jleehc@hku.hk

Tel: +852-2219-4616

Fax: +852-2259-9152

Nationality: Hong Kong China

Academic qualifications:

- 2007-2010 Ph.D (Nuclear Physics) National Superconducting Cyclotron Laboratory,
Michigan State University, East Lansing MI, USA
- 2005-2007 M.S. (Nuclear Physics) National Superconducting Cyclotron Laboratory,
Michigan State University, East Lansing MI, USA
- 2002-2005 Bachelor of Science (Physics), Chinese University of Hong Kong, Hong Kong

Present academic positions:

- July 2014 – present Assistant Professor, The University of Hong Kong
- July 2014 – present Visiting Scientist, RIKEN Nishina Center, Japan
- January 2013 – present Visiting Scientist, Peking University, China

Previous academic positions:

- April 2011 – June 2014 Research Scientist (tenured), RIKEN Nishina Center, Japan
- April 2010 – March 2011 Postdoctoral Research Associate, RIKEN Nishina Center, Japan

External Peer-reviewed Research Grants

As single principal investigator:

- 2015 RGC Early Career Scheme

Lecturer of Nuclear Physics School:

- “International summer school on photonuclear reactions in Astrophysics”
June 20-27, 2014, Antalya, Turkey

Service:

- Chair of the “2th International Workshop & 12th RIBF Discussion on Neutron-Proton Correlations”, The University of Hong Kong, Hong Kong, July 6-9, 2015. Workshop webpage: <http://www.physics.hku.hk/~ctcp/ws-np-pair/index.htm>

- Chair of the International Symposium on “Probing Neutron-Proton Pair Correlations – pairing models, cross section measurements and reaction mechanisms”, RIKEN Nishina Center, Japan, November 19-20, 2010. Symposium webpage:
<http://indico.riken.jp/indico/conferenceDisplay.py?confId=285>

List of Publications:

40. “Low-Lying Structure of ^{50}Ar and the N=32 Subshell Closure”
D. Steppenbeck, S. Takeuchi, N. Aoi, P. Doornenbal, M. Matsushita, H. Wang, Y. Utsuno, H. Baba, S. Go, J. Lee, K. Matsui, S. Michimasa, T. Motobayashi, D. Nishimura, T. Otsuka, H. Sakurai, Y. Shiga, N. Shimizu, P.-A. Söderström, T. Sumikama, R. Taniuchi, J. J. Valiente-Dobón, and K. Yoneda
Phys. Rev. Lett. 114, 252501 (2015)
39. “Neutron-driven collectivity in light tin isotopes: Proton inelastic scattering from ^{104}Sn ”
A. Corsi, S. Boissinot, A. Obertelli, P. Doornenbal, M. Dupuis, F. Lechaftois, M. Matsushita, S. Péru, S. Takeuchi, H. Wang, N. Aoi, H. Baba, P. Bednarczyk, M. Ciemala, A. Gillibert, T. Isobe, A. Jungclaus, V. Lapoux, J. Lee, M. Martini, K. Matsui, T. Motobayashi, D. Nishimura, S. Ota, E. Pollacco, H. Sakurai, C. Santamaria, Y. Shiga, D. Sohler, D. Steppenbeck, R. Taniuchi
Phys. Lett. B, 743, 451 (2015)
38. “Intermediate-energy Coulomb excitation of ^{104}Sn : Moderate E2 strength decrease approaching ^{100}Sn ”
P. Doornenbal, S. Takeuchi, N. Aoi, M. Matsushita, A. Obertelli, D. Steppenbeck, H. Wang, L. Audirac, H. Baba, P. Bednarczyk, S. Boissinot, M. Ciemala, A. Corsi, T. Furumoto, T. Isobe, A. Jungclaus, V. Lapoux, J. Lee, K. Matsui, T. Motobayashi, D. Nishimura, S. Ota, E. C. Pollacco, H. Sakurai, C. Santamaria, Y. Shiga, D. Sohler, and R. Taniuchi
Phys. Rev. C 90, 061302 (R) (2014)
37. “Proton spectroscopic factors deduced with GDP08, a new A=3 global optical model potential”
Jenny Lee, D.Y. Pang, Y. Han and M.B. Tsang
CHIN. Phys. Lett. Vol. 31, No. 9, 092103 (2014)
36. “Neutron spectroscopic factors of ^{55}Ni hole-states from (p,d) transfer reactions”

- A. Sanetullaev, M.B. Tsang, W.G. Lynch, Jenny Lee, D.Bazin, D.Coupland, V.Henzl, D.Henzlova, M.Kilburn, A.M.Rogers, Z.Y.Sun, M.Youngs, R.J.Charity, L.G.Sobotka, M.Famiano, S. Hudan, D. Shapira, W.A. Peters, C. Barbieri, M. Hjorth-Jensen, M. Horoi, T. Otsuka, T. Suzuki, Y. Utsuno,
Physics Letters B 736, 137 (2014)
35. “Rotational level structure of sodium isotopes inside the "island of inversion”
P. Doornenbal, H. Scheit, S. Takeuchi, Y. Utsuno, N. Aoi, K. Li, M. Matsushita, D. Steppenbeck, H. Wang, H. Baba, E. Ideguchi, N. Kobayashi, Y. Kondo, J. Lee, S. Michimasa, T. Motobayashi, T. Otsuka, H. Sakurai, M. Takechi, Y. Togano, K. Yoneda
Prog. Theor. Exp. Phys. (2014) ptu057
34. “Observation of Enhanced Monopole Strength and Clustering in ^{12}Be ”
Z. H. Yang, Y. L. Ye, Z. H. Li, J. L. Lou, J. S. Wang, D. X. Jiang, Y. C. Ge, Q. T. Li, H. Hua, X. Q. Li, F. R. Xu, J. C. Pei, R. Qiao, H. B. You, H. Wang, Z. Y. Tian, K. A. Li, Y. L. Sun, H. N. Liu, J. Chen, J. Wu, J. Li, W. Jiang, C. Wen, B. Yang, Y. Y. Yang, P. Ma, J. B. Ma, S. L. Jin, J. L. Han, J. Lee
Phys. Rev. Lett. 112, 162501 (2014)
33. “Shell and shape evolution at N=28: The ^{40}Mg ground state”
H. L. Crawford, P. Fallon, A. O. Macchiavelli, R. M. Clark, B. A. Brown, J. A. Tostevin, D. Bazin, N. Aoi, P. Doornenbal, M. Matsushita, H. Scheit, D. Steppenbeck, S. Takeuchi, H. Baba, C. M. Campbell, M. Cromaz, E. Ideguchi, N. Kobayashi, Y. Kondo, G. Lee, I. Y. Lee, J. Lee, K. Li, S. Michimasa, T. Motobayashi, T. Nakamura, S. Ota, S. Paschalis, M. Petri, T. Sako, H. Sakurai, S. Shimoura, M. Takechi, Y. Togano, H. Wang, and K. Yoneda
Phys. Rev. C 89, 041303 (R) (2014)
32. “Structure of ^{136}Sn and the Z = 50 magicity”
H. Wang, N. Aoi, S. Takeuchi, M. Matsushita, P. Doornenbal, T. Motobayashi, D. Steppenbeck, K. Yoneda, H. Baba, Z. Dombrádi, K. Kobayashi, Y. Kondo, J. Lee, H. Liu, R. Minakata, D. Nishimura, H. Otsu, H. Sakurai, D. Sohler, Y. Sun, Z. Tian, R. Tanaka, Z. Vajta, Z. Yang, T. Yamamoto, Y. Ye, and R. Yokoyama
Prog. Theor. Exp. Phys. (2014) 023D02
31. “Collectivity of the neutron-rich Pd isotopes towards N = 82”
H. Wang, N. Aoi, S. Takeuchi, M. Matsushita, P. Doornenbal, T. Motobayashi, D. Steppenbeck, K. Yoneda, H. Baba, L. Caceres, Zs. Dombradi, K. Kobayashi, Y. Kondo, J. Lee, K. Li, H. Liu, R.

Minakata, D. Nishimura, H. Otsu, S. Sakaguchi, H. Sakurai, H. Scheit, D. Sohler, Y. Sun, Z. Tian, R. Tanaka, Y. Togano, Zs. Vajta, Z. Yang, T. Yamamoto, Y. Ye and R. Yokoyama
Phys. Rev. C 88, 054318 (2013)

30. “Symmetry Energy II: Isobaric Analog States”

Pawel Danielewicz, Jenny Lee
Nucl. Phys. A, 922, 1 (2013)

29. “In-Beam γ -Ray Spectroscopy of $^{34,36,38}\text{Mg}$: Merging the N=20 and N=28 Shell Quenching”

P. Doornenbal, H. Scheit, N. Aoi, S. Takeuchi, K. Li, M. Matsushita, D. Steppenbeck, H. Wang, H. Baba, H. Crawford, C. R. Hoffman, R. Hughes, E. Ideguchi, N. Kobayashi, Y. Kondo, J. Lee, S. Michimasa, T. Motobayashi, H. Sakurai, M. Takechi, Y. Togano, R. Winkler, and K. Yoneda
Phys. Rev. Lett. 111, 212502 (2013)

28. “Evaporation-cost dependence in intermediate energy heavy-ion fragmentation”

L. Audirac, A. Obertelli, P. Doornenbal, D. Mancusi, S. Takeuchi, N. Aoi, H. Baba, S. Boissinot, A. Boudard, A. Corsi, A. Gillibert, T. Isobe, A. Jungclaus, V. Lapoux, J. Lee, S. Leray, K. Matsui, M. Matsushita, T. Motobayashi, D. Nishimura, S. Ota, E.C. Pollacco, G. Potel, H. Sakurai, C. Santamaria, Y. Shiga, D. Sohler, D. Steppenbeck, R. Taniuchi, and H. Wang
Phys. Rev. C 88, 041602 (R) (2013)

27. “Evidence for a new nuclear ‘magic’ number from the structure of ^{54}Ca ”

D. Steppenbeck, S. Takeuchi, N. Aoi, P. Doornenbal, M. Matsushita, H. Wang, H. Baba, N. Fukuda, S. Go, M. Honma, J. Lee, K. Matsui, S. Michimasa, T. Motobayashi, D. Nishimura, T. Otsuka, H. Sakurai, Y. Shiga, P.-A. Soderstrom, T. Sumikama, H. Suzuki, R. Taniuchi, Y. Utsuno, J.J.Valiente-Dobon, and K. Yoneda
Nature 502, 207 (2013)

26. “Neutron spectroscopic factors of ^{45}Ar hole-states”

F. Lu, Jenny Lee, M.B. Tsang, D. Bazin, V. Henzl, D. Henzlova, M. Kiburn, W.G. Lynch, A.M. Rogers, A. Sanetullaev, Z.Y Sun, M. Youngs, R.J. Charity, L.G. Sobotka, M. Famiano, S. Hudan, M. Horoi, Y. Ye
Phys. Rev. C 88, 017604 (2013)

25. “Identification of the new isotope ^{131}Ag ”

WANG He, N. Aoi, S. Takeuchi, M. Matsushita, P. Doornenbal, T. Motobayashi, D. Steppenbeck, K. Yoneda, K. Kobayashi, J. Lee, LIU Hong-Na, Y. Kondo, R. Yokoyama, H. Sakurai, YE Yan-Lin

24. “A Laser Based Alignment System (LBAS) for Nuclear Physics Experiments”
A.M. Rogers, J. Lee, B.E. Netta, M.S. Wallace, W.G. Lynch, H.K. Cheung, L. El-Mogaber, R. Fontus, T.K. Ghosh, V. Henzl, D. Henzlova, M. Kilburn, D.J. Oostdyk, D. Sanderson, Z.Y. Sun, M.B. Tsang
Nucl. Instrum. Meth. A 707, 64 (2013)
23. “Democratic Decay of ${}^6\text{Be}$ Exposed by Correlations”
I. A. Egorova, R. J. Charity, L. V. Grigorenko, Z. Chajecski, D. Coupland, J. M. Elson, T. K. Ghosh, M. E. Howard, H. Iwasaki, M. Kilburn, Jenny Lee, W. G. Lynch, J. Manfredi, S. T. Marley, A. Sanetullaev, R. Shane, D. V. Shetty, L. G. Sobotka, M. B. Tsang, J. Winkelbauer, A. H. Wuosmaa, M. Youngs, and M. V. Zhukov
Phys. Rev. Lett. 109, 202502 (2012)
22. “Double isobaric analog of ${}^{11}\text{Li}$ in ${}^{11}\text{B}$ ”
R.J. Charity, L.G. Sobotka, K. Hagino, D. Bazin, J. Clifford, M.A. Famiano, A. Gade, S. Hudan, S.A. Komarov, Jenny Lee, S. P. Lobastov, S. M. Lukyanov, W. G. Lynch, C. Metelko, M. Mocko, A. M. Rogers, H. Sagawa, A. Sanetullaev, M. B. Tsang, M. S. Wallace, M. J. van Goethem, and A. H. Wuosmaa
Phys. Rev. C 86, 041307 (2012)
21. “Well-developed deformation in ${}^{42}\text{Si}$ ”
S. Takeuchi, M. Matsushita, N. Aoi, P. Doornenbal, K. Li, T. Motobayashi, H. Scheit, D. Steppenbeck, H. Wang, H. Baba, D. Bazin, L. Caceres, H. Crawford, P. Fallon, R. Gernhauser, J. Gibelin, S. Go, S. Grevy, C. Hinke, C. R. Hoffman, R. Hughes, E. Ideguchi, D. Jenkins, N. Kobayashi, Y. Kondo, R. Krucken, T. Le Bleis, J. Lee, G. Lee, A. Matta, S. Michimasa, T. Nakamura, S. Ota, M. Petri, T. Sako, H. Sakurai, S. Shimoura, K. Steiger, K. Takahashi, M. Takechi, Y. Togano, R. Winkler, and K. Yoneda
Phys. Rev. Lett. 109, 182501 (2012)
20. “Constraints on the symmetry energy and neutron skins from experiments and theory”
M. B. Tsang, J. R. Stone, F. Camera, P. Danielewicz, S. Gandolfi, K. Hebeler, C. J. Horowitz, Jenny Lee, W. G. Lynch, Z. Kohley, R. Lemmon, P. Möller, T. Murakami, S. Riordan, X. Roca-Maza, F. Sammarruca, A. W. Steiner, I. Vidaña, and S. J. Yennello
Phys. Rev. C 86, 015803 (2012)

19. “Angular dependence in proton-proton correlation functions in central $40\text{Ca} + 40\text{Ca}$ and $48\text{Ca} + 48\text{Ca}$ reactions”
 V. Henzl, M. A. Kilburn, Z. Chajęcki, D. Henzlova, W. G. Lynch, D. Brown, A. Chbihi, D. D. S. Coupland, P. Danielewicz, R. T. deSouza, M. Famiano, C. Herlitzius, S. Hudan, Jenny Lee, S. Lukyanov, A. M. Rogers, A. Sanetullaev, L. G. Sobotka, Z. Y. Sun, M. B. Tsang, A. Vander Molen, G. Verde, M. S. Wallace, and M. Youngs
Phys. Rev. C 85, 014606 (2012)
18. “Isobaric multiplet mass equation for $A=7$ and 8 ”
 R. J. Charity, J. M. Elson, J. Manfredi, R. Shane, L. G. Sobotka, Z. Chajęcki, D. Coupland, H. Iwasaki, M. Kilburn, J. Lee, W. G. Lynch, A. Sanetullaev, M. B. Tsang, J. Winkelbauer, M. Youngs, S. T. Marley, D. V. Shetty, A. H. Wuosmaa, T. K. Ghosh, and M. E. Howard
Phys. Rev. C 84, 051308(R) (2011)
17. “High-resolution ($^3\text{He},t$) reaction on the double- β decaying nucleus ^{136}Xe ”
 P. Puppe, D. Frekers, T. Adachi, H. Akimune, N. Aoi, B. Bilgier, H. Ejiri, H. Fujita, Y. Fujita, M. Fujiwara, E. Ganioglu, M. N. Harakeh, K. Hatanaka, M. Holl, H. C. Kozer, J. Lee, A. Lennarz, H. Matsubara, K. Miki, S. E. A. Orrigo, T. Suzuki, A. Tamii, and J. H. Thies
Phys. Rev. C 84, 051305 (R) (2011)
16. “Ground-State Proton Decay of ^{69}Br and Implications for the ^{68}Se Astrophysical Rapid Proton-Capture Process Waiting Point”
 A. M. Rogers, M. A. Famiano, W. G. Lynch, M. S. Wallace, F. Amorini, D. Bazin, R. J. Charity, F. Delaunay, R. T. de Souza, J. Elson, A. Gade, D. Galaviz, M.-J. van Goethem, S. Hudan, J. Lee, S. Lobastov, S. Lukyanov, M. Matoš, M. Mocko, H. Schatz, D. Shapira, L. G. Sobotka, M. B. Tsang, and G. Verde
Phys. Rev. Lett. 106, 252503 (2011)
15. “Investigations of three-, four-, and five-particle decay channels of levels in light nuclei created using a ^9C beam”
 R. J. Charity, J. M. Elson, J. Manfredi, R. Shane, L. G. Sobotka, B. A. Brown, Z. Chajęcki, D. Coupland, H. Iwasaki, M. Kilburn, Jenny Lee, W. G. Lynch, A. Sanetullaev, M. B. Tsang, J. Winkelbauer, M. Youngs, S. T. Marley, D. V. Shetty, A. H. Wuosmaa, T. K. Ghosh, and M. E. Howard
Phys. Rev. C 84, 014320 (2011)
14. “Neutron spectroscopic factors of ^{34}Ar and ^{46}Ar ”

- Jenny Lee, M.B. Tsang, D. Bazin, D. Coupland, V. Henzl, D. Henzlova, M. Kilburn, W.G. Lynch, A. Rogers, A. Sanetullaev, A. Signoracci, Z.Y. Sun, M. Youngs, K.Y. Chae, R.J. Charity, H.K. Cheung, M. Famiano, S. Hudan, P. O'Malley, W.A. Peters, K. Schmitt, D. Shapira, L.G. Sobotka
Phys. Rev. C 83, 014606 (2011)
13. "Neutron-proton asymmetry dependence of spectroscopic factors in Ar isotopes".
Jenny Lee, M.B. Tsang, D. Bazin, D. Coupland, V. Henzl, D. Henzlova, M. Kilburn, W.G. Lynch, A. Rogers, A. Sanetullaev, A. Signoracci, Z.Y. Sun, M. Youngs, K.Y. Chae, R.J. Charity, H.K. Cheung, M. Famiano, S. Hudan, P. O'Malley, W.A. Peters, K. Schmitt, D. Shapira, L.G. Sobotka
Phys. Rev. Lett. 104, 112701 (2010)
12. "2p-2p decay of ^8C and Isospin-allowed 2p decay of the isobaric-analog state in ^8B "
R. J. Charity, J. M. Elson, J. Manfredi, R. Shane, L. G. Sobotka, Z. Chajecski, D. Coupland, H. Iwasaki, M. Kilburn, Jenny Lee, W. G. Lynch, A. Sanetullaev, M. B. Tsang, J. Winkelbauer, M. Youngs, S. T. Marley, D. V. Shetty, A. H. Wuosmaa, T. K. Ghosh, and M. E. Howard
Phys. Rev. C 82, 041304 (R) (2010)
11. "Symmetry Energy in Nuclear Surface".
Pawel Danielewicz, Jenny Lee
Int. J. Mod. Phys. E 18, 892 (2009)
10. "Symmetry Energy I: Semi-Infinite Matter"
P. Danielewicz, J. Lee
Nucl. Phys. A 818, 36 (2009)
9. "Mechanisms in knockout reactions"
D. Bazin, R. J. Charity, R. T. de Souza, M. A. Famiano, A. Gade, V. Henzl, D. Henzlova, S. Hudan, J. Lee, S. Lukyanov, W. G. Lynch, S. McDaniel, M. Mocko, A. Obertelli, A. M. Rogers, L. G. Sobotka, J. R. Terry, J. A. Tostevin, M. B. Tsang, and M. S. Wallace
Phys. Rev. Lett. 102, 232501(2009)
8. "Neutron spectroscopic factors of Ni isotopes"
Jenny Lee, M.B. Tsang, W.G. Lynch, M. Horoi, S.C. Su
Phys. Rev. C 79, 054611 (2009)
7. "Survey of excited state neutron spectroscopic factors for $Z=8-28$ nuclei"
M.B. Tsang, Jenny Lee, S.C. Su, J.Y. Dai, M. Horoi, H. Liu, W.G. Lynch, S. Warren
Phys. Rev. Lett. 102, 062501(2009)

6. “Investigation of Particle-Unbound Excited States in Light Nuclei with Resonance-Decay Spectroscopy Using a ^{12}Be Beam”
R.J. Charity, S.A. Komarov, L.G. Sobotka, J. Clifford, D. Bazin, A. Gade, J. Lee, S.M. Lukyanov, W.G. Lynch, M. Mocko, S.P. Lobastov, A.M. Rogers, A. Sanetullaev, M.B. Tsang, M.S. Wallace, R.G.T. Zegers, S. Hudan, C. Metelko, M.A. Famiano, A.H. Wuosmaa, M.J. van Goethem.
Phys. Rev. C 78, 054307 (2008)
5. “Particle Decay of ^{12}Be Excited States”
R.J. Charity, S.A. Komarov, L.G. Sobotka, J. Clifford, D. Bazin, A. Gade, J. Lee, S.M. Lukyanov, W.G. Lynch, M. Mocko, S.P. Lobastov, A.M. Rogers, A. Sanetullaev, M.B. Tsang, M.S. Wallace, S. Hudan, C. Metelko, M.A. Famiano, A.H. Wuosmaa, M.J. van Goethem
Phys. Rev. C 76, 064313(2007)
4. “The High Resolution Array (HiRA) for Rare Isotope Beam Experiments”
M.S. Wallace, M.A. Famiano, M.-J. van Goethem, A.M. Rogers, W.G. Lynch, J. Clifford, F. Delaunay, J. Lee, S. Labostov, M. Mocko, L. Morris, A. Moroni, B.E. Nett, D.J. Oostdyk, R. Krishnasamy, M.B. Tsang, R.D. de Souza, S. Hudan, L.G. Sobotka, R.J. Charity, J. Elson, G.L. Engel
Nucl. Instrum. Meth. A 583, 302 (2007)
3. “Neutron Spectroscopic Factors from Transfer Reactions”
Jenny Lee, M.B. Tsang, and W.G. Lynch
Phys. Rev. C 75, 064320 (2007)
2. “Reduced Neutron Spectroscopic Factors When Using Potential Geometries Constrained by Hartree-Fock Calculations”
Jenny Lee, J.A. Tostevin, B.A. Brown, F. Delaunay, W.G. Lynch, M.J. Saelim, and M.B. Tsang
Phys. Rev. C 73, 044608 (2006)
1. “Survey of Ground State Neutron Spectroscopic Factors from Li to Cr Isotopes”
M.B. Tsang, Jenny Lee, and W.G. Lynch
Phys. Rev. Lett. 95, 222501 (2005)

List of Publications (Submitted):

1. "Tracking rare-isotope beams with microchannel plates"

A.M. Rogers, A. Sanetullaev, W.G. Lynch, M.B. Tsang, Jenny Lee, D. Bazin, D. Coupland, V. Henzl, D. Henzlova, M. Kilburn, M.S. Wallace, M. Youngs, F. Delaunay, M. Famiano, D. Shapira, K. L. Jones, K. T. Schmitt, and Z.Y. Sun

Submitted to Nuclear Inst. and Methods in Physics Research A (2014)

Conference Proceedings

7. "Symmetry Energy from Systematic of Isobaric Analog States"

P. Danielewicz and Jenny Lee

Proceedings of IX Latin American Symposium on Nuclear Physics and Applications, Quito, Ecuador, June 18-12, 2011 (arXiv 1111.0326)

6. "Neutron Spectroscopic Factors from (p,d) and (d,p) transfer reactions"

Jenny Lee and M.B. Tsang

Proceedings of the Varenna School Course CLXXVIII - "From the Big Bang to the nucleosynthesis", Varenna, Italy, 19-24 July 2010, edited by A. Bracco et al., (Amsterdam,; Washington, DC: IOS Press; Bologna Italy 2011), Vol. 178.

5. "Neutron Spectroscopic Factors"

M.B. Tsang and Jenny Lee

Proceedings of the DAE Symposium on Nuclear Physics, Pilani, India. 20-24 December, 2010, edited by R.K. Choudhury et al., Vol. 55, p. 15

4. "Mechanisms in knockout reactions"

D. Bazin, R. J. Charity, M. A. Famiano, A. Gade, V. Henzl, D. Henzlova, S. Hudan, J. Lee, S. Lukyanov, W. G. Lynch, S. McDaniel, M. Mocko, A. Obertelli, A. M. Rogers, L. G. Sobotka, R. T. de Souza, J. R. Terry, J. A. Tostevin, M. B. Tsang, M. S. Wallace

Proceedings of the International Nuclear Physics Conference (INPC07), Tokyo, 2007, Vol. 2, p. 406.

3. "Symmetry Energy as a Function of Density and Mass"

P. Danielewicz and J. Lee

Proceedings of Seventh Latin American Symposium on Nuclear Physics and Applications, Cusco, Peru, June 11-16, 2007, AIP Conference Proceedings 947, edited by R. Alarcon, P.L. Cole, C. Djalali, and F. Umeres (American Institute of Physics, Melville, New York, 2007), p.301.

2. “Neutron Spectroscopic Factors from Transfer Reactions”

Jenny Lee and M.B. Tsang

Proceedings of the International Symposium on Exotic Nuclei (EXXON 2006), Khanty-Mansiysk, Russia, July 17-22, 2006, AIP Conference Proceedings 912, edited by Yu.E. Penionzhkevich and E.A. Cherepanov (American Institute of Physics, Melville, New York, 2007), p.88.

1. “Ground State Neutron Spectroscopic Factors for $Z=3-24$ Isotopes from Transfer Reactions”

M.B. Tsang and Jenny Lee

Proceedings of the Second Argonne/MSU/JINA/INT RIA Workshop on Reaction Mechanisms for Rare Isotope Beams, East Lansing, Michigan, March 9-12, 2005, edited by B.A. Brown, AIP Conference Proceedings 791 (American Institute of Physics, Melville, 2005), p. 49.

Invited Talks

16. March 3-13, 2015. “Probing Nucleon Correlations and Neutron - Proton Correlations using Transfer and Knockout Reactions”

INT Workshop on Reactions and Structure of Exotic Nuclei, University of Washington, Seattle, United States

15. August 10-14, 2014. “Nucleon Correlations using knockout and transfer reactions”

Reactions and Spectroscopy of Unstable Nuclei, PKU-CUSTIPEN Workshop, Peking University, Beijing, China

14. March 10-21, 2014. “Recent experimental results on neutron-proton correlations”

International Molecule-type Workshop on New correlations in exotic nuclei and advances of theoretical models, Yukawa Institute for Theoretical Physics, Kyoto University, Kyoto, Japan

13. February 19-21, 2014. “Studies of nucleon correlations using knockout reactions”

6th Asian Nuclear Physics Association Symposium, Kolkata, India

12. September 10-11, 2013. “In-beam gamma with MINOS at RIBF”

Gamma-ray spectroscopy experiments with fast beams at the RIBF, TU Darmstadt, Germany

11. March 21-23, 2012. “Experiments using large-coverage detectors at RCNP”

Workshop on RCNP future plan of facility, RCNP, Osaka University, Japan

10. October 20-28, 2011. "Using Transfer Reactions to study the Isospin Dependence of Nucleon Correlations and Neutron-Proton Pairing"
Dynamics and Correlations in Exotic Nuclei (DCEN2011), Kyoto, Japan
9. August 28- September 2, 2011. "Probing neutron-proton pair correlations using reactions"
14th International Symposium on Capture Gamma-Ray Spectroscopy and Related Topics (CGS14), Guelph, Canada
8. August 8-12, 2011. "Plans of correlation studies using one-nucleon & two-nucleon knockout and transfer reactions"
7th ANL/INT/JINA/MSU annual FRIB workshop on Interfaces Between Nuclear Reactions and Structure, INT, Washington, United States
7. May 9-13, 2011. "Spectroscopic Overlaps"
ECT workshop on Recent Developments in Transfer and Knockout Reactions, Trento, Italy
6. February 4-5, 2011. "Probing two-nucleon correlations using knockout reactions & possible use of the SHOGUN"
RIKEN symposium on The SHOGUN gamma-ray spectrometer, RIKEN, Wako, Japan
5. July 26-28, 2010. "Symmetry Energy in Nuclei"
International Symposium on Nuclear Symmetry Energy (NuSYM10), RIKEN, Wako, Japan
4. December 16 -19, 2009. "Asymmetry Dependence of Reduction Factors in Transfer Reactions"
The VI International Workshop on Direct Reactions with Exotic Beams (DREB2009), Tallahassee, Florida, United States
3. June 15-20, 2008. "Survey of excited states neutron spectroscopic factors"
Nuclear Chemistry Gordon Conference, New London, New Hampshire, United States
2. June 3-8, 2007. "Neutron Spectroscopic Factors from Transfer Reactions"
Nuclear Chemistry Gordon Conference, New London, New Hampshire, United States
1. June 22-25, 2005. "Survey of ground state neutron spectroscopic factors from Li to Cr isotopes"
International conference on Direct Reactions with Exotic Beams (DREB2005), East Lansing, Michigan, United States

Seminar Talks

14. April 2014. "Studies of Nucleon Correlations and Evolution of Shell Structure"
Shenzhen University, Shenzhen, China
13. March 2014. "Probing Neutron-Proton Correlations using Direct Reactions"
Shanghai Jiao Tong University, Shanghai, China
12. March 2014. "Nucleon Correlations: From Stable to Unstable Nuclei"
Tsinghua University, Beijing, China
11. December 2013. "Nucleon Correlations: From Stable to Unstable Nuclei"
The University of Hong Kong, Hong Kong
10. March 2013. "Studies of nucleon correlations using direct reactions"
YIPQS International Molecule Symposium on Coexistence of weak and strong binding in unstable nuclei and its dynamics, *Yukawa Institute for Theoretical Physics, Kyoto University, Kyoto, Japan*
9. October 2012. "Experimental Study of Short Range Correlation (SRC) in Nuclei"
Institute of Modern Physics, Chinese Academy of Science, Lanzhou, China
8. October 2012. "Probing Neutron-Proton Correlations"
Peking University, Beijing, China
7. May 2012. "Probing Nucleon Correlations using Direct Reactions"
Peking University, Beijing, China
6. April 2012. "Survey of Neutron Spectroscopic Factors and Asymmetry Dependence of Neutron Correlations"
Beijing University of Aeronautics and Astronautics, Beijing, China
5. October 2010. "Survey of Neutron Spectroscopic Factors and Asymmetry Dependence of Neutron Correlations in Transfer Reactions"
Niigata University, Niigata, Japan
4. January 2010. "Survey of Neutron Spectroscopic Factors and Asymmetry Dependence of Neutron

Correlations in Transfer Reactions”

Texas A&M, TX, USA

3. January 2010. “Survey of Neutron Spectroscopic Factors and Asymmetry Dependence of Neutron Correlations in Transfer Reactions”

Oak Ridge National Laboratory, Oak Ridge, TN, USA

2. August 2009. “Studies of Neutron Spectroscopic Factors”

RIKEN, Japan

1. October, 2007. “Studies of Neutron Spectroscopic Factors”

NSCL, Michigan State University, E. Lansing, Michigan, USA

Contributed Talks

10. June 14-19, 2015. “Asymmetry dependence of correlations from single nucleon knockout at 230 MeV/nucleon” *Nuclear Structure and Dynamics III*, Portoroz-Portorose, Slovenia

9. September 19, 2012. “Steps to Clarify the Isospin Dependence of Nucleon Correlations”

SAMURAI International Workshop, Kyoto University, Kyoto, Japan

8. July 26, 2012. “Feasibility of ANC studies using (d,p) and (α , ^3He) reactions”

Mini-Workshop on Radiative Neutron Capture Reactions for r-process, RIKEN, Wako, Japan

7. March 26-29, 2012. “Direct Reactions and Decay Spectroscopy using the MSU High Resolution Array”

Direct Reactions with Exotic Beams (DREB2012), Pisa, Italy

6. February 16, 2012. “Probing Alpha-Cluster Structure using Knockout Reactions”

Mini-Workshop of Experimental Approach to Cluster Structures in Nuclei, RCNP, Osaka University, Japan

5. May 25, 2011. “Transfer Reactions with Degraded Beams”

Mini-Workshop on Nuclear physics with energy-degraded RI beam at RIBF, RIKEN, Wako, Japan

4. November 19-20, 2010. “Experimental prospects – Probing np-pair correlations using knockout reactions”

International Symposium on Probing Neutron-Proton Pair Correlations – pairing models, cross section measurements and reaction mechanisms, RIKEN Nishina Center, Japan

3. August 16-21, 2009. “Survey of Neutron Spectroscopic Factors”
International Conference on Nucleus-Nucleus Collisions, Beijing, China
2. April 11-15, 2008. “Survey of Neutron Spectroscopic Factors for Z=8 to 28 nuclei”
APS April Meeting, St. Louis, Missouri, United States
1. July 17-22, 2006. “Neutron Spectroscopic Factors from Transfer Reactions”
International Symposium on Exotic Nuclei (EXON), Khanty-Mansiysk, Russia