

CURRICULUM VITAE

PERSONAL DATA

Name	Muneerah Abdullah M Al-Aqeel
Nationality	Saudi
Position	Assistant Professor, Deputy of Physics Department
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EDUCATION

Year	Academic Degree	Institution
2020	Degree of Philosophy in Experimental Nuclear Physics	University of Liverpool Liverpool, United Kingdom
2013	Master of Science in Experimental Nuclear Physics	King Saudi University Riyadh, Saudi Arabia
2008	Bachelor of Science in Physics	King Saudi University Riyadh, Saudi Arabia

WORK EXPERIENCE

Period	Position	Address
2021 up to date	Deputy of Physics Department, College of Science	Imam Muhammed Ibn Saud Islamic University (IMSIU), Riyadh
2021 up to date	Assistance Professor, College of Science, Physics Department	Imam Muhammed Ibn Saud Islamic University (IMSIU), Riyadh
2020 up to date	Honorary Fellow Researcher, School of Physical Sciences	University of Liverpool, Liverpool, UK
2016-2019	Demonstrator, School of Physical Sciences	University of Liverpool, UK

2013-2020	Lecturer, College of Science, Physics Department	Imam Muhammed Ibn Saud Islamic University (IMSIU), Riyadh
2009-2013	Teaching Assistant, College of Science, Physics Department	Imam Muhammed Ibn Saud Islamic University (IMSIU), Riyadh
2008-2009	Researcher, Department of Physics and Astronomy	King Saud University (KSU), Riyadh.

RESEARCH INTERESTS

Experimental Nuclear Physics

PUBLICATIONS

1. D. Ralet, S. Pietri, T. Rodr'iguez, M. Alaqeel, T. Alexander, N. Alkhomashi, F. Ameil, T. Arici, A. Ata, c, R. Avigo, et al., Lifetime measurement of neutron-rich even-even molybdenum isotopes, *Physical Review C* 95 (3) (2017) 034320.
2. K. Wimmer, F. Recchia, S. Lenzi, S. Riccetto, T. Davinson, A. Estrade, C. Grin, S. Nishimura, F. Nowacki, V. Phong, et al., First spectroscopy of ^{61}Ti and the transition to the island of inversion at $n=40$, *Physics Letters B* 792 (2019) 16–20.
3. M. Lewis, D. Joss, B. Say'gi, R. Page, D. Cullen, L. Barber, M. Giles, J. Simpson, M. Al-Aqeel, H. Badran, et al., Lifetime measurements of ex-cited states in ^{163}W and the implications for the anomalous $b(e2)$ ratios in transitional nuclei, *Physics Letters B* 798 (2019) 134998.
4. J. Hilton, J. Uusitalo, J. Sar'en, R. Page, D. Joss, M. AlAqeel, H. Badran, A. Briscoe, T. Calverley, D. Cox, et al., α -spectroscopy studies of the new nuclides Pt^{165} and Hg^{170} , *Physical Review C* 100 (1) (2019) 014305.
5. F. Recchia, K. Wimmer, S. Lenzi, S. Riccetto, T. Davinson, A. Estrade, C. Grin, S. Nishimura, F. Nowacki, V. Phong, et al., Isomer spectroscopy in odd-even Ti isotopes: Approaching $n=40$, *Acta Physica Polonica B*.
6. F. Recchia, S. Riccetto, K. Wimmer, S. Lenzi, T. Davinson, A. Estrade, C. Grin, S. Nishimura, V. Phong, P. S'oderstr'om, et al., Shape coexistence along $n=40$ studied with isomer and beta decay.
7. K. Wimmer, F. Recchia, S. Lenzi, S. Riccetto, T. Davinson, A. Estrade, C. Grin, S. Nishimura, V. Phong, P.-A. S'oderstr'om, et al., Isomeric states in neutron-rich nuclei near $n=40$, *Physical Review C* 104 (1) (2021) 014304.
8. I. Martel, Design study of a superconducting recoil separator for hie-isolde, Tech. rep. (2021).
9. M. Polettini, J. Pellumaj, G. Benzoni, J. Valiente-Dob'on, G. Zhang, Decay studies in the $a=225$ po-fr region from the despec campaign at GSI in 2021, *Il nuovo cimento C* 45 (5) (2022) 1–4.
10. H. Akhdar, M. Marashdeh, M. AlAqeel, Investigation of gamma radiation shielding properties of polyethylene glycol in the energy range from 8.67 to 23.19 keV, *Nuclear Engineering and Technology* 54 (2) (2022) 701–708.
11. M. M. Nofal, R. Sai, I. Shawish, M. A. Alaqeel, An insight of the theoretical physics of Ru-alloyed iron pyrite studied for energy generation, *Symmetry* 14 (11) (2022) 2252.
12. M. Al-Aqeel, I. A. Alrammah, Radiological impact assessment for hypothetical accident scenarios of a proposed pressurized water reactor using hotspot code, *Radiation Physics and Chemistry* (2022) 110717.