

CURRICULUM VITAE TEMPLATE



Position/Designation: Assistant Professor of Physics
Department: DMPS
College: Cas
University of Nizwa, Sultanate of Oman

Personal Information

Name: Dr. Harith Mohamed Al-Azri
Email Address: h.alazri@unizwa.edu.om
Contact Numbers: 99472165

Academic Qualifications

- PhD in Nuclear Physics, University of York. UK 2012.
- MSc in Radiation Physics, University of Liverpool, UK , 2005.
- English Language , University of Queensland, Australia, 2004.
- BSc in Physics/ computer, Nizwa Education college, Oman, 2001.

Teaching Activities, Current/Previous Experience

Physics Courses I've taught :

- 1) General Physics courses (1.2.3)
- 2) Nuclear Physics.
- 3) Atomic Physics & Spectrums.
- 4) Modern Physics.
- 5) Intoriduction to Astronomy.
- 6) Vibrations and Waves Physics
- 7) Electromagnetism.
- 8) Quantum Mechanics.
- 9) Electronics.
- 10) Laser & Plasma Physics.
- 11) Theoretical Physics.

Research Activities

(includes but not limited to research interests, conference attendance, conference presentations and publications: refereed journal, articles, books, etc.)

Research Interests:

Nuclear Physics - Radiation Physics – Solar Energy- Astronomy

Conference Presentations:

- 1- Paper participation in The First International Conference on Environmental Sciences and Engineering for Sustainable Development, Sohar university of Technology and applied sciences, March 2022.
- 2- Key note speaker for Symposium of “Knowledge industry in Oman vision 2040” , Rustaq university of Technology and applied sciences, March 2022.
- 3- Key note speaker in Material Science conference, University of Technology, Baghdad, Sep 2019.
- 4- Zakopane Conference of Nuclear Physics, Zakopane, Poland, 2012.
- 5- Institute of Physics (IOP) conference, University of Glasgow, United Kingdom. April 2011.
- 6- Institute of Physics (IOP) conference, University of Birmingham, United Kingdom. April 2009.
- 7- Institute of Physics (IOP) conference, University of Edinburgh, United Kingdom. April 2010.

Publications:

- 1- B. Cederwall, T. Back, H Al-Azri, R. Wadsworth and others.
“ *New spin-aligned neutron-proton paired phase in atomic nuclei inferred from the structure of ^{92}Pd* ”. Nature, 469-68, (2010).
- 2- T. Back, H Al-Azri, R. Wadsworth and others.
“*Lifetime measurement of the first excited 2^+ state in ^{108}Te* ”.
Physical Review C 81, 041306 (2011).
- 3- Y. Zheng, G. de France, H Al-Azri, R. Wadsworth and others.
 γ -ray linear polarization measurements and $(g_{9/2})^{-3}$ neutron alignment in ^{91}Ru .
Physical Review C 87, 044328 (2013).
- 4- R. Wadsworth, B. Cederwall, , H Al-Azri and others.
“ *Character of particle-hole excitations in ^{94}Ru deduced from γ -ray angular correlation and linear polarization measurements*’ Phys. Rev. C 89, 014301 (2014).
- 5- R. Wadsworth, B. Cederwall, , H Al-Azri and others.
“ *Spectroscopy of the neutron deficient $N = 50$ nucleus ^{95}Rh* ”
Physical Review C 89, 044310 (2014).
- 6- R. Wadsworth, B. Cederwall, , H Al-Azri and others.
“ *Lifetime measurements with the Doppler shift Attenuation method using thick homogeneous production target*” Acta Physica Polonica B, Vol.48 (2017).
- 7- B. Cederwall, X Liu, R. Wadsworth, H Al-Azri and others
“*Isospin properties of nuclear pair correlations from the level structure of the self-conjugate nucleus ^{88}Ru* ”. Physical review Letters, V124, 6, 2020.

- 8- A Ertoprak, B. Cederwall, H Al-Azri and others.
" Lifetime measurements of core-excited states in semi-magic 95Rh "
DiVa, diva2: 1422069, (2020).
- 9- X. Liu, B. Cederwall, R. Wadsworth, H Al-Azri and others.
" Evidence for enhanced neutron-proton correlations from the level structure of the $N = Z + 1$ nucleus 87Tc " Physical Review C, QC 20210607
- 10- X. Liu, B. Cederwall, R. Wadsworth, H Al-Azri and others.
"Evidence for Spherical-Oblate Shape Coexistence in 87Tc "
The European Physical Journal A, QC 20210518, 2021.

Faculty Administrative Experience

Position	Institute	Period (from-to)
Assistant Prof/ Physics	University of Nizwa	Sep 2021 - ...
Assistant Dean for Academic Affairs & Scientific Research	Rustaq College of Education 2017 – April 2021 (UTAS)	Feb 2019 - present
Acting Dean		Summer 2019
HoD science		Sep 2018 – Feb 2019
Acting HoD science		Oct 2017 – Jun 2018
Assistant Prof/ Physics		Sep 2017 – present
Acting Dean		Summer 2014
Acting Dean	Sohar College of Applied science 2012 - 2017	Summer 2016
Assistant Dean for Academic Affairs support.		Sep 2013 – Sep 2016
Acting HoD Engineering		Summer 2013
Assistant Prof/ Physics		2012 - 2017
Teacher Assistant		Nizwa College of Education Department of Science
Demonstrator	2001-2008	Sep 2001 – Jun 2002

Community Services
<ol style="list-style-type: none"> 1) Participating in Building up Academic Programs for Engineering in Sohar College and Education Program for Rustaq Education college (2012 – 2018) 2) Member of Board of Trustee, BoT for Oman Dental College, 2014- 2016. 3) Member of committee between Sohar college of applied science and Royal Guard Technical college 2016. 4) Academic & administrative consultant from Ministry of Higher Education to Sohar Primary Court, 2016. 5) Scientific lectures and workshops in Physics and Astronomy for schools of interior region sector, Oman, 2004 – 2008. 6) Forming physics final test for dual language higher schools in Oman 2006. 7) Forming physics final test for Al-Sahwa schools in Oman 2007. 8) Workshop in Nuclear Physics for physics headmost teachers, Ministry of Education, Oman, March 2008. 9) Member of the academic Omani delegation to Belarus, 2007. 10) Participating in authoring physics book for 12th class for the country schools, Sultanate of Oman, 2008.
Consultancy
11) Academic Expert at the International Atomic Energy Agency (IAEA), (2021 – present)
Membership in Professional Bodies
Awards and Recognitions
Many of Recognitions certificates from Ministry of Education , Ministry of Higher Education due to participating in many academic and educational events.