

CURRICULUM VITAE

NAME Israel Mardor
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A. Education

1981 - 1984 **Physics, B. Sc.** Tel Aviv University, Tel Aviv, Israel
1988 - 1991 **Theoretical Nuclear Physics, M.Sc.** Tel Aviv University, Tel Aviv, Israel
1991 – 1997 **Experimental Nuclear Physics, Ph.D.** Tel Aviv University, Tel Aviv, Israel

B. Professional Experience

1997 - 2001 **Soreq NRC, Solid State Detectors and Cameras**
Senior Research
 Monte Carlo and analytical simulations, characterization of solid-state detectors, integration of detectors with electronics, imaging with 2D detector arrays

2001 **Soreq NRC, NUCAM Gamma Camera**
Project Manager
 Head of an international collaborative project of a solid state gamma camera

2002-2008 **Soreq NRC, SARAF**
Deputy Project Manager
 Control and diagnostics of Soreq Applied Research Accelerator Facility (SARAF) project, project operation, technical negotiations with international contractors.

2008-2011 **Soreq NRC, SARAF**
Project Manager
 Responsible for the construction and commissioning of the SARAF-I accelerator.

2011-2017 **Soreq NRC, Nuclear Physics and Engineering**
Division Head
 Member of Soreq NRC management, Lead a division of ~90 workers, mainly scientists, engineers and technicians. The division included SARAF, Soreq Research Reactor IRR1, Department of Non-Destructive Testing and Department of Diagnostics, Simulations and Software.

2017-now **Tel Aviv University, Department of Particle Physics**
Visiting Associate Professor, Research Associate
 Leads a program to research fission and neutron-rich exotic isotopes, which includes experiments at SARAF, the Ion Catcher facility at GSI, Darmstadt, and IGISOL at the University of Jyvaskyla, Finland.

2019-now **Soreq NRC, SARAF**
Applications Manager, Chief Scientist
 Responsible for all scientific aspects of the project, scientific consultant to SARAF Project Manager

C. Teaching and Supervision

C1. Academic Courses

Nuclear physics away from the valley of stability (elective graduate course)

Introductory particle and nuclear physics (nuclear physics lectures, mandatory undergraduate course)

Supernovae (nuclear physics lectures, elective graduate course)

C2. Graduate and Post-Graduate Supervision

Post-doctoral 2 nuclear physics

Ph.D. 2 nuclear physics, 1 nuclear engineering

M.Sc. 2 nuclear physics

C3. Graduate Student Committees

Ph.D. 5 nuclear physics, 2 applied physics, 1 astrophysics, 1 nuclear engineering

M.Sc. 1 nuclear physics, 1 applied physics

D. Membership in Professional Societies

2005-2013 Israel Physical Society (IPS) Council

Treasurer 2008-2010

2009-2016 Linear Accelerator Conference International Organizing
Committee (LINAC IOC)

Chair 2010-2012

(LINAC12 conference chair)

2013- The National Committee for Nuclear Physics of the Israel
Academy of Sciences and Humanities

2013-2016 Pazy Foundation Steering Committee

2018- NUSTAR Collaboration Council

2019- Super-FRS Experiment Collaboration Board

2019- IAEA's Standing Advisory Group on Nuclear Applications
(SAGNA)

E. Publications and conference presentations

H index (Google Scholar) 25

Peer reviewed publications 71

Invited talks 18

Contributed talks 13