

## Curriculum Vitae

### Personal Information

Family Name, First Name: Ron, Guy  
 Date of Birth: Dec. 17, 1975  
 URL for web site: <http://www.phys.huji.ac.il/~gron>

### Higher Education

2000            B.Sc. - Physics  
                   Physics Dept, Tel Aviv University, Israel  
 2009            PhD - Nuclear Physics  
                   Physics Dept, Tel Aviv University, Israel  
 2009 – 2009    Postdoctoral Research Fellow  
                   Particle Physics Dept., Weizmann Institute of Science, Rehovot, Israel  
 2009 – 2011    Postdoctoral Research Fellow  
                   Lawrence Berkeley National Lab. Berkeley, USA

### Appointments at Hebrew University

2011 – Senior Lecturer  
           Racah Inst. of Physics, Hebrew University of Jerusalem, Jerusalem, Israel  
 2013 – Adjunct Research Assistant Professor  
           Dept. of Physics, The George Washington University, Washington DC, USA

### Additional Functions at Hebrew University

2013 – Teaching committee.  
 2013 – Faculty representative to the academic library, Faculty of Natural Sciences, Hebrew University  
 2012 – Machine shop academic management committee, Physics Dept., Hebrew University  
 2011 – 2012 Teaching committee member, Physics Dept., Hebrew University

### Service in Other Academic and Research Institutions

2013 – Adjunct Research Assistant Professor  
           Dept. of Physics, The George Washington University, Washington DC, USA

### Other Activity

2014 – Member of the Israeli National Nuclear Physics Committee, Israeli Academy of Sciences, Israel  
 2011 – Grant reviewer, Israeli Science Foundation  
 2009 – Reviewer for PLB, PRL

### Teaching at the Hebrew University

#### Supervision of Masters and doctoral degree students

##### Master's Degree Students

- 2011 – 2013, Boaz Lubotzky, “Electromagnetically Induced Transparency and Absorption in Ne\*“. Degree Completed.
- 2011 – 2013, Ben Ohayon, “Design and Construction of a Novel, Modular, Zeeman Slower for a Ne\* Beam“. Switched to Direct PhD Track.
- 2011 – 2013, David Izraeli, “Design and Simulation of a Very Low Energy Neutron Polarimeter“. Degree Completed.
- 2013 – Present, Dan Cohen, “Design and Construction of a Frozen Neon Positron Moderator“.
- 2013 – Present, Tom Segal, “Bunching in an Electrostatic Trap and Production of  $^{23}\text{Ne}$  via the (n,p) Reaction“.
- 2013 – Present, Jonathan Mishnayot, “Additive Manufacturing of Scintillating Materials“.

##### Doctoral Degree Students

- 2011 – Present, Moshe Friedman, “The Proton Electromagnetic Form Factor Ratio at Very Low  $Q^2$  and a New Extraction of the Proton Radius“.
- 2013 – Present, Ben Ohayon, “Magneto Optical trapping of Radioactive Neon Isotopes“.

### Post-doctoral Fellows

- Dr. Jonathan Dumas, Design and Construction of a Low Energy Positron Beam Line Based on a Frozen Neon Moderator, July 2013 – Present. Research conducted in my lab.
- Dr. Aidan Kelleher, Design and Construction of a Low Energy Positron Beam Line Based on a Frozen Neon Moderator, July 2011 – July 2013. Research conducted in my lab.
- Dr. Ran Shneor, Simulations of a Very Low Energy Neutron Polarimeter and the Proton Form Factor Ratio at Low  $Q^2$ , 2011-2012. Research conducted in my lab.

### Courses Taught

- 2011 – 2014 Introduction to Particle Physics, B.Sc. Class.  
 2012 Experimental Methods in Electroweak Interactions, B.Sc./M.Sc. Seminar.  
 2012 Introduction to Particle Accelerators, B.Sc./M.Sc. Class.  
 2012 – 2014 Mechanics and Special Relativity, B.Sc Class.  
 2014 Physics for Decision Makers, Cornerstone (Avnei Pina) Class.

### Fellowships and Awards

- 2012 Golda Meir Fellow, Hebrew University  
 2012 Runner-up, Nuclear Physics Thesis Award, European Physics Society  
 2011 – Samuel Sigfried Wolf Lecturer in Nuclear Physics, Hebrew University  
 2009 – 2010 Rotschild Postdoctoral Fellowship Award  
 2009 JLab/JSA Best graduate thesis prize  
 2009 Dean’s postdoctoral fellowship, Weizmann Institute of Science, Israel  
 2008 Jehuda Eisenberg Fellowship, Tel Aviv University, Israel  
 2007 Joseph Dotan Fellowship, Tel Aviv University, Israel  
 2007 – 2009 Adams PhD Fellow, Israeli Academy of Science, Israel

### Organization of Scientific Meetings

- 2016 Local Organizing committee, ”Precision Physics of Simple Atomic Systems”, Jerusalem, Israel  
 2012 Co-organizer of the “Workshop on Fundamental Interactions in Traps” at The Weizmann Institute of Science  
 2009 Co-organizer of the “Workshop on Traps for SARAF” at The Weizmann Institute of Science

### Membership in Scientific Societies

- 2006 – American Physical Society, USA  
 2006 – Israeli Physical Society