

## ILAN MOR

*Curriculum Vitae*

Dr. Ilan Mor  
Section head - Nuclear detectors and physics,  
Non-Destructive Testing Department,  
Soreq NRC

Yavne 81800,  
Israel

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<http://linkedin.com/in/ilanmor>

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29 peer-reviewed journal publications and 52 internal reports,  
Imaging detectors development, neutron imaging, x-ray imaging, radiation detection

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**Education**

- Ph.D.** 2012  
Nuclear Engineering, Ben-Gurion University, Beer-Sheva, Israel  
**Dissertation:** *High Spatial-Resolution Fast Neutron Detectors for Imaging and Spectrometry*  
  
Advisers: Dr. David Vartsky, Soreq Nuclear Research Center, Yavne, Israel  
Prof. Amnon Moalem, Ben-Gurion University, Beer-Sheva, Israel  
Dr. Itzik Orion, Ben-Gurion University, Beer-Sheva, Israel
- M.Sc. (Hons.)** 2006  
Nuclear Engineering, Ben-Gurion University, Beer-Sheva, Israel  
**Thesis:** *Energy-resolved fast-neutron imaging via time resolved optical readout*  
  
Advisers: Dr. David Vartsky, Soreq Nuclear Research Center, Yavne, Israel  
Dr. Itzik Orion, Ben-Gurion University, Beer-Sheva, Israel
- B.Sc. (Distinction)** 2002  
Nuclear Engineering, Ben-Gurion University, Beer-Sheva, Israel
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### Positions

06/2018 – Today	Section head - nuclear detectors and physics, non-destructive testing department at Soreq NRC, Yavne, Israel
08/2013 – 06/2018	Researcher at the Non-Destructive Testing (NDT) department at Soreq NRC, Yavne, Israel
02/2011 – 06/2013	Post-Doctorate position at the Physikalisch-Technische Bundesanstalt (PTB), Neutron Physics Dept., Braunschweig, Germany
07/2006 – 02/2011	Ph.D. research associate at Soreq NRC, Yavne, Israel
07/2003 – 07/2006	M.Sc. research associate at Soreq NRC, Yavne, Israel
12/2001 – 07/2003	Engineering student at Intel (FAB 18), Kiryat-Gat, Israel

### Professional Memberships

- International Society for Neutron Radiography (ISNR)

### Awards and Honors

- 2020 NDT Department - award for performance excellence
- 2014 - 2020 Prof. Aharon Katzir fellowship
- 2012 Innocentive Inc.: favorable evaluation of submission, challenge title: 'Imaging the Three-dimensional Microstructure of Colloids' – \$10,000
- 2011 - 2013 Post-Doc fellowship at Physikalisch-Technische Bundesanstalt (PTB), Neutron Physics Dept., Braunschweig, Germany
- 2009 - 2010 Stipend from NATO
- 2006 - M.Sc.: Graduated *Magna Cum Laude*
- 2004 - Award for significant contribution to the neutron camera project
- 2002 - B.Sc.: Appreciation of scholastic achievements

### Further Education

- 2013 Helmholtz-Zentrum, Berlin, Germany: Summer School on Advanced Imaging for Industrial Applications
- 2012 Paul Scherrer Institute (PSI), Switzerland: Summer School on Condensed matter Research, Imaging Life and Matter – using photons, neutrons and muons
- 2005 Soreq NRC, Introduction to nuclear physics for radiation workers
- 2003 Soreq NRC, Efficient and safe work in industrial radiography

### **Extra-Curricular Scientific Activity**

- Referee for Journal of Instrumentation (JINST)
- Referee for IEEE Transactions on Nuclear Science
- Referee for Applied Radiation and Isotopes
- Referee for Nuclear Instruments and Methods A
- Referee for Radiation Physics and Chemistry
- Thesis reviewer and chairman of thesis evaluation committee for Ben-Gurion Uni.

### **Languages**

- **Hebrew** – Mother tongue
- **English** – High proficiency, read/write/speak
- **French** – Basic level, read/speak
- **German** - Basic level, read/speak

### **Publications (listed separately)**