

Curriculum Vitae - Gilad Marcus

Education:

1992-1995 B.Sc in Physics, Hebrew University, Jerusalem, Israel.

1995-1997 M.Sc in Physics, Hebrew University, Jerusalem, Israel.

2002-2006 Ph.D in Physics, Hebrew University, Jerusalem, Israel.

Employment:

1998-2001 VP for R&D and co-founder of a start-up company X-Technologies – Park T.M.R. (Technological incubators) Rehovot, Israel. The start-up company developed a miniature x-ray tube for cardio-vascular therapeutic (later acquired by US major pharmaceutical company “Guidant”).

2002-2005 Graduate teaching assistant, Hebrew University of Jerusalem, Jerusalem, Israel. Racah Institute for Physics.

2005-2007 Senior researcher, Soreq NRC, Yavne, Israel.

2007-2011 Post-doctorate, Humboldt research fellow, Max-Planck Institute für Quantenoptiks, Garching, Germany. with Prof. Ferenc Krausz.

2011- Department of Applied Physics, The Selim and Rachel Benin School of Computer Science and Engineering, The Hebrew University, Jerusalem, Israel

Awards and Honors

- The Golda Meir Fellowship (Hebrew University, Jerusalem, Israel, 2012)
- Alexander von Humboldt Research Fellowship (Max Planck Institute for quantum optics, 2007)
- Ofer-Cohen excellence award for Ph. D. students. (Hebrew University, Jerusalem, Israel, 2002)
- Wolf foundation excellence award for undergraduate students, (Hebrew University, Jerusalem, Israel, 1995)

Patents

- (WO/2001/047596) Apparatus and methods for in-situ radiation treatment
- US Patent 6463124 - Miniature energy transducer for emitting x-ray radiation including Schottky cathode