

CURRICULUM VITAE

Personal

Civil State: Born in Bucharest, Romania on 27/04/1968; married since 1992, 3 children.

1974: Immigrated to Israel with both parents and sister.

1986: Graduated high-school.

1986-1990: Israel Defense Forces.

Education

2002- 2006: Ben-Gurion University of the Negev, Beer-Sheva, Israel. Ph.D. studies.

Thesis: "Interface Interaction and Wetting Phenomena in Boron Carbide-Liquid Metals Systems".

Supervised by Prof. Naum Frage.

Department of Material Science and Engineering, Ben-Gurion University of the Negev.

1996-2000: Ben-Gurion University of the Negev, Beer-Sheva, Israel. Graduate studies.

Thesis: "U₆Tr Compounds (Tr= Fe, Co); Effect of their formation by solid state precipitation on the morphology and properties of the low temperature actenides metal phases".

Supervised by Prof. Moshe Dariel.

Department of Material Science and Engineering, Ben-Gurion University of the Negev

2000: M.Sc. in Material Science and Engineering.

1990-1994: Ben-Gurion University of the Negev, Beer-Sheva, Israel. Undergraduate studies.

Research Topic: "Wettability of β -alumina by Liquid Metals".

Supervised by Prof. Micha Polak and Dr. Natalia Froumin.

Department of Material Science and Engineering, Ben-Gurion University of the Negev.

1994: B.Sc. in Physics and Material Science and Engineering.

Employment

2018-today: Senior Researcher, Materials Department, Nuclear Research Center – Negev.

2013-2017: Head of Materials Department, Nuclear Research Center – Negev.

2010-2013: Senior Researcher, Materials Department, Nuclear Research Center – Negev.

2009-2010: Research associated, Materials Department, Nuclear Research Center – Negev.

2008-2009: Sabbatical - visiting scientist at UC-Davis, California, USA. Guest of Prof. Alexandra Navrotsky – NEAT ORU, UC-Davis. Subject of study: "Thermo-chemistry of $\text{ThO}_2\text{-Ln}_2\text{O}_3$ (Ln=La, Y) with Fluorite structure".

2005-2008: Research associated, Physics Department, Nuclear Research Center – Negev.

2004-2005: Sabbatical – Department of Materials Engineering, Ben-Gurion University of the Negev, Beer-Sheva, Israel. Guest of Prof. Nahum Frage. Subject of study: Wetting and interface phenomena in B_4C ".

2002-2004: Research associated, Physics Department, Nuclear Research Center – Negev.

1995-2002: Research assistant, Physics Department, Nuclear Research Center – Negev.

Teaching Experience

Springs 2015-2016, *"Properties and Behavior of Materials under Irradiation"*, Materials Engineering Department, BGU, Beer-Sheva, Israel.

Spring 2014, *"Nuclear Materials and Radiation Damage"*, Nuclear Engineering Department, BGU, Beer-Sheva, Israel.

Spring 2012, *"Nuclear Materials and Radiation Damage"*, Nuclear Engineering Department, BGU, Beer-Sheva, Israel.

Editorial and Reviews

Editorial Board, *"Advances in Materials Science and Engineering"*, Impact Factor: 1.010.

Reviewer (three main journals)

Materials Science and Engineering A, Reviews since 2010.

May 2015: *"Awarded for Outstanding Contribution in Reviewing"*

2.2 Journal of Materials Science, Reviews since 2005.

2.3 Journal of Materials Engineering and Performance, Reviews since 2011.