

Curriculum Vitae

**Dr. Alexander Axelevitch**



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E-mail: alex\_a@hit.ac.il

Place of birth: Leningrad, USSR

Date of arrival in Israel: 29.07.1992

Marital Status: Married + three

Education: **Ph.D., Physical Electronics**

**EDUCATION**

2002

**Ph.D. degree on the Physical Electronics**

1997 - 2002

Ph.D. student in the Engineering Faculty of Tel-Aviv University,  
Speciality of Physical Electronics

1995-1996

Lecturer on Electronics and Electricity, Center of Technological Education Holon

1983

Maintenance of HP computer devices, Severodonetsk, Ukraina

1982

Programming of Microcontrollers, Assembler, Riga, Latvia

1971

**M.Sc. degree on the Electronics and Electricity**

1965-1971

Student in the Faculty of Electrifying and Automation, Leningrad Electrical  
Engineering Institute, Leningrad, USSR

**ACADEMIC AND PROFESSIONAL EXPERIENCE**

2014-today

Expert-evaluator of European Commission on the "Horizon-2020" project.

1995-today

Holon Academic Institute of Technology, Head of the Micro- and Nano-electronics  
department, Senior lecturer; Head of the Microelectronics and Thin Film laboratory;  
Main fields of interests: research and development of thin films deposition processes,  
physics of thin films, renewable energy sources, solar cells, opto-electronics and  
plasmonics.

1995-1996

Privet firm, Tel-Aviv, consulting in the field of the refractory metal powder production

1994-1995

Privet firm, Petah-Tikva, expert in the Data Bases of the thin films technologies;  
Data Bases editing, testing of final product.

1992-1994

Different privet firm, Israel, electrical works (**Electrician Chief**)

1991-1992

Privet firm, Apatity, Russia, General Manager, Electronics engineering and consulting  
in the computer, electronics, and automation fields.

1978-1991

Engineering and consulting State firm, Apatity, Russia, Senior Engineer.  
Automation of great industrial enterprises, computerization of chemical and mining  
technologies, technological measurement, monitoring and control.

1971-1978

Scientific-Research Institute, Leningrad, USSR, Research Engineer.

**SOCIAL ACTIVITY**

2007-today

Member of International Solar Energy Society, ISES

1998-2003

Member of city council elected, Bat Yam, Israel, Chairman of the Sport Committee,  
Chairman of the Hi-Tech Committee

1997-today

Member of Israel Vacuum Society: Science, Technology and Applications

1997-2000

Chairman of the association Applied Research and Design Center of Israel

1989-1992

Member of city council elected, Apatity, Russia, Member of the Economical  
Committee, Chairman of the Engineering Committee

**LANGUAGES** Russian (mother tongue), Hebrew, English, French

**PUBLICATIONS**

2 published books, 8 patents, more than 70 refereed articles, more than 150 papers presented on  
scientific meetings.