



## Curriculum Vitae

July 2020

Prof. Emeritus Dr. **Aaron Peled**  
Engineering Faculty, Electrical and Electronics Engineering Department  
Holon Institute of Technology  
Holon, Israel  
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### EDUCATION

1971- B.Sc. Mathematics and Physics, Hebrew University of Jerusalem (HUJI), Israel.  
1975- M.Sc. in Solid State Physics from Hebrew University of Jerusalem.  
1978- Ph.D. in Optoelectronic Materials Science from the Faculty of Applied Science & Technology (SAST) of Hebrew University of Jerusalem.

### ACADEMIC POSITIONS

Holon Institute of Technology (HIT), Faculty of Engineering, Department of Electrical and Electronics Engineering, Holon, Israel,

1983-1985 Lecturer  
1983-1985 Head of Electrical & Electronics Department.  
1989-1993 Senior Lecturer  
1990-1992 Head of Electrical & Electronics Department.  
1993-1999 Associate Professor  
1999-2015 Full Professor  
2006-2008 Dean of Engineering Faculty  
2015-present-Professor Emeritus

### ACADEMIC AND PROFESSIONAL EXPERIENCE

1978-1981 R&D Scientist at ELTA Electronics, Israel Aircraft Ind., Microelectronics Department, Ashdod, Israel, Microelectronics Laboratory.  
1987-1989 Visiting Scientist at IBM Almaden Research Center, San Jose, USA, Electro-photography Department.  
1996-1997 Visiting Scientist at Gerhard Mercator University, Germany, Electrotechnical Faculty.  
1997-1998 Visiting Scientist at Saskatchewan University, Electronics Department, Canada,

1990-1998 Visiting Scientist at Weizmann Institute of Science, Physics Faculty,  
 Electronics Department, Rehovot, Israel.  
 1996-1999 Secretary of Israel Vacuum Society.  
 2004-2005 Visiting Scientist at Lecce University, Physics Department, Italy,  
 2005-2006 Visiting Scientist at Lasers Department, Institute of Atomic Physics,  
 Magurele, Romania,  
 2015-present- Head Photonics Laboratory, Faculty of Engineering, and HIT

## MEMBERSHIP IN PROFESSIONAL SOCIETIES

1975 Israel Physics Society and Israel Vacuum Society (IVS)  
 1981 Institute of Electrical and Electronic Engineers No.4701124  
 1985- until present Society for Optical Engineering  
 1987 Israel Metallurgical Society  
 1987- until present Materials Research Society  
 1992 The American Association for Aerosol Research

## PUBLICATIONS

Published more than **155** peer reviewed **Articles** in International Scientific Journals.  
 More than 70 presentations at International Conferences with **Proceedings**.  
 Edited about 14 special issues, wrote several books and chapters in books.  
[https://www.researchgate.net/profile/Aaron\\_Peled/publications](https://www.researchgate.net/profile/Aaron_Peled/publications)  
<https://hit-il.academia.edu/AaronPeled>  
<https://scholar.google.co.il/citations?user=cpQhagQAAAAJ&hl=en>

## ORGANIZING AND CHAIRING INTERNATIONAL CONFERENCES:

13-16/10/1993	1 <sup>st</sup> Int'l. Conf. on Photoexcited Processes and Applications, ICPEPA-1, Sendai, Japan,	<b>Co-Chairman</b>
9/1995	2 <sup>nd</sup> Int'l. Conf. on Photoexcited Process and Applications (ICPEPA-2), Jerusalem, Israel,	<b>Co-Chairman</b>
31/5-4/6/1999	Joint E-MRS-99 Spring Annual Conf. and 3 <sup>rd</sup> Int'l. Conf. on Photoexcited Processes and Applications (ICPEPA-3), Strasbourg, France	<b>Co-Chairman</b>
20-24/9/1999	ALT-99 Conf., Potenza-Lecce, Italy	<b>Chairman</b> of Laser Applications Session 33
12/6/2000	IVS-2000 Holon Institute of Technology Annual Meeting, Holon, Israel	<b>Scientific Committee and Chairman</b>

5-9/9/2004	4 <sup>th</sup> Int'l. Conf. on Photoexcited Process and Applications (ICPEPA-4), Lecce, Salento, Italy	<b>Co-Chairman</b> And Organizing Committee
19-29/9/2005	NATO Advanced Study Institute "Photon-Based Nanoscience and Technology", Auberge Estrimont, Orford, QC-Canada	<b>Co-Director</b>
3-7/9/2006	5 <sup>th</sup> International Conference on Photo-excited Processes and Applications (ICPEPA-5), Charlottesville, VA, USA	<b>Co-Chairman</b>
9-12/9/2008	6 <sup>th</sup> International Conference on Photo-Excited Processes and Applications, (ICPEPA 2008) Sapporo, Hokkaido, Japan	<b>Co-Chairman</b>
15-19/8/2010	7 <sup>th</sup> International Conference on Photo-Excited Processes and Applications, (ICPEPA 2010) Copenhagen, Denmark	Member of the Steering Panel
15-20/8/2010	4 <sup>th</sup> International Conference on Optical, Optoelectronic and Photonic Materials and Applications (ICOOPMA10), Budapest, Hungary	Member of International Organizing and Advisory Committee
3-7/6/2012	5 <sup>th</sup> International Conference on Optical, Optoelectronic and Photonic Materials and Applications (ICOOPMA 2012), Nara, Japan	Member of International Advisory Committee
12-17/8/2012	8 <sup>th</sup> International Conference on Photo-Excited Processes and Applications ICPEPA-8), Rochester, NY, USA	Member of Steering Panel
3-6/9/2012	International Conference on Optics "Micro- to Nano-Photonics III (ROMOPTO 2012), Romania	Member of Scientific Advisory Committee

7/2014	6 <sup>th</sup> International Conference on Optical, Optoelectronic and Photonic Materials and Applications (ICOOPMA 2014), Leeds, UK, 27 July 2014-1 August 2014	Member of International Advisory Committee
2015	11 <sup>th</sup> International Conference "Micro-to Nano-Photonics IV (ROMOPTO 2015), Bucharest, Romania, 1-4 September 2015	Member of Scientific Advisory Committee
2015	7 <sup>th</sup> International Conference on Optical, Optoelectronic and Photonic Materials and Applications (ICOOPMA 2016), Montreal, Quebec, Canada, 12-17 June 2016	Member of International Advisory committee
2016	Forum of Chalcogenides – Digest Journal of Nanomaterials and Biostructures	Member of International Editorial Board
2016	10 <sup>th</sup> International Conference on Photoexcited Processes and Applications (ICPEPA-10), Brasov, Romania, 29 August-2 September 2016	Member of Steering Panel; and <b>Session Chairman:</b> High Power Lasers
2018	8 <sup>th</sup> International Conference on Optical, Optoelectronic and Photonic Materials and Applications (ICOOPMA 2018), Maresias-SP, Brazil, 26-31 August 2018	Member of International Program and Advisory Committees
2018	11 <sup>th</sup> International Conference on Photo-Excited Processes and Applications (ICPEPA 11), Vilnius, Lithuania, 10-14 September 2018	Member of Steering Panel; <b>Session Chairman</b>
2019	Digest Journal of Nanomaterials and Biostructures	Member of International Editorial Board

## STUDENTS SUPERVISION

Supervision and Guidance of more than 200 B.Sc. Final Projects, M.Sc. Theses, Doctoral Theses, Post-Doctoral and Visiting scientists' since 1981.