

## Victor Y. Zenou CV

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### Education

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- 2008- 2012** Ph.D., The Department of Materials Engineering, Ben-Gurion University of the Negev.  
Thesis subject: "An investigation of the structure and stability of compounds formed in the quaternary Al-U-Fe-Si system".  
Supervisors: Prof. M. Talianker and Prof. D. Fuks (BGU).
- 1992-1997** M.Sc., The Department of Materials Engineering, Ben-Gurion University of the Negev.  
Thesis subject: "Investigation of microstructure of slowly cooled ( $3 \times 10^{-2}$  K/sec) cast Al-U alloys with Fe impurity".  
Supervisors: Prof. M. Talianker (BGU), Dr. A. Munitz (NRCN).
- 1986-1990** B. Sc., The Department of Materials Engineering, Ben-Gurion University of the Negev.  
Thesis subject: "Cooling rates influences on the microstructure of Al-Ta alloys".  
Supervisor: Dr. A. Munitz (NRCN).

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### Employment

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- 1990 - Present:** Researcher, Materials Department, R&D Division, Nuclear Research Center-Negev, Israel.
- 2018 - Present:** Volunteer Researcher, The Department of Materials Engineering, Ben-Gurion University of the Negev, P.O.B 653, Be'er-Sheva, Israel 84105.
- 2013 - 2014:** Postdoctoral fellow at Professor Laurence D. Marks' research group, Department of materials science and Engineering, Northwestern University, IL (USA).
- 2005-2006:** Sabbatical at Arizona State University, AZ (USA) as a guest of Prof. Nathan Newman.
- 1999-2000:** Sabbatical at Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA (USA) as a guest of Prof. Gareth Thomas from the University of California Berkeley (UCB) and LBNL.

### Awards and Honors

- 1989-1990:** Scholarship for excellent students (The 4<sup>th</sup> year of B.Sc., sponsored by NRCN).
- 2012:** My Ph.D. thesis was chosen as best research by the Pazy Foundation, a joint of Israel Atomic Energy Commission and council for higher education fund, for excelling in Science.

## **Professional and Administrative Activities**

### **Academic Activities**

#### **Review of scientific publications**

Y. Li, Z. Jia, Y. Yin, Q. Hu, W. Mu, J. Zhang, X. You and X. Tao, "Optimization growth, structure, and elastic properties of acentric melilite CaYAl<sub>3</sub>O<sub>7</sub> crystal", J. Alloys and Comp. 748, pp. 57-62 (2018).

### **Educational Activities**

#### Courses taught

Advanced Electron Microscopy and Diffraction (MSE 465), Instructor Prof. L.D. Marks', Department of materials science and Engineering, Northwestern University, IL (USA). I gave 2 lessons on Practice and demonstrations of High resolutions simulations.

#### Research students for M.Sc. degree

- Daniel Shtuckmeyster
- Esther Elias
- Svetlana Fink Ilyasafov

### **Organization of conferences**

ISM (Israeli Society of Microscopy) Membership