



Maya Bar Sadan - CURRICULUM VITAE

• Education

B.Sc. Summa cum Laude - 1996-2000, Technion – Israel Institute of Technology, Chemical Engineering

M.Sc. - 2000-2003, Weizmann Institute of Science, Materials and Interfaces Department

Name of advisor: Prof. S. Reich

Title of thesis: *Weak links in MgB₂ Superconducting wires*

Ph.D. – 2003-2007, Weizmann Institute of Science, Materials and Interfaces Department

Name of advisor: Prof. R. Tenne

Title of thesis: *Synthesis of inorganic fullerene-like structures by laser ablation and their characterization by advanced microscopy techniques.*

• Employment History

2017 – Associate Professor, Chemistry department, Ben-Gurion University, Israel.

2011-2016 - Senior Lecturer, Chemistry department, Ben-Gurion University, Israel.

2008-2011 - Post-Doc position, Peter Gruenberg Institute, Ernst Ruska-Centre for Microscopy and Spectroscopy with Electrons, Research Centre Juelich, Germany, under the supervision of Prof. Knut Urban.

• Awards, Citations, Honors, Fellowships

(a) Honors, Citation Awards (including during studies)

1. 2018, The Glat Prize for teaching, BGU
2. 2016, The Wolf Foundation, The Krill Prize
3. 2014, BGU, Roth Prize for excellence in teaching.

• Research Grants

1. 2018-2021 NSF-BSF grant, with Prof. Ashwin Ramasubramaniam, University of Massachusetts, Amherst, 70,000\$ per year.
2. 2018-2022 Head of PAT center of excellence No. 2171/17 on Hybrid CO₂ Reduction Catalysts Incorporating Layered and Metallic Materials. The consortium annual budget is 630,000\$, with an annual personal budget of 95,000\$.
3. 2016-2020 ISF personal grant. 75,000\$ per year, 300,000\$ in total.

4. 2011-2016 - The Israeli Center of Research Excellence (I-CORE) program, Center No. 152/11 for Alternative energies, headed by Prof. M. Herskowitz, BGU. ISF, 82,000\$ per year, 400,000\$ in total.
5. 2012-2016 - A member of the FTA group on Inorganic Nanotubes: From Nanomechanics to Improved Nanocomposites (Leading scientist Prof. Reshef Tenne, WIS). 13,000\$ per year, 52,000\$ in total.
6. 2012 - GIF Young, 45,000\$ in total.
7. 2012-2016 - ISF personal grant. 57,000\$ per year, 228,000\$ in total.
8. 2012 - Adelis Foundation with co-PI Prof. Lilac Amirav (Technion). 15,000 \$ in total.
9. 2012 - Nevet, BGU with co-PI Prof. Avner Rothschild. 21,500\$ in total.