**Iris Visoly-Fisher** received her B.Sc. and M.Sc. in Materials Engineering, and B.A. in Physics, from the Technion – Israel Inst. of Technology. She completed her Ph.D. in Materials and Interfaces at the Weizmann Inst. of Science in 2004, studying single grain boundaries in polycrystalline CdTe solar cells under the supervision of David Cahen. She then moved to the lab of Stuart Lindsay at Arizona State University as a postdoctoral fellow, where she worked on electrochemical potential-dependent current transport in single biomolecules. In 2008 she joined Ben-Gurion University of the Negev as an assistant professor. Her research interests include materials for renewable energy production and storage, photovoltaics and optoelectronics and organic electronics; surface science; and characterization through a 'bottom up' approach – from the properties of a single building block to understanding the system's behavior.

**Selected publications:**

- A. Yochelis M. B. Singh, I. Visoly-Fisher, *Coupling bulk and near-electrode interfacial nano-structuring in ionic liquids*, invited perspective, **Chem. Mater. 27** (2015), 4169-4179
- I. Visoly-Fisher, A. Mescheloff, M. Gabay, C. Bounioux, L. Zeiri, M. Sansotera, A. E. Goryachev, A. Braun, Y. Galagan, E.A. Katz, *Concentrated sunlight for accelerated stability testing of organic photovoltaic materials: Towards decoupling light intensity and temperature,* **Sol. Ener. Mater. & Sol. Cells 134** (2015), 99–107.
- [1] R. K. Misra, S. Aharon, B. Li, D. Mogilyanski, I. Visoly-Fisher, L. Etgar, E. A. Katz, *Temperature- and component- dependent degradation of perovskite photovoltaic materials under concentrated sunlight* **, J. Phys. Chem. Lett. 6** (2015), 326−330.
- R. Gertman, A. Harush, I. Visoly-Fisher, *Nanostructured Photocathodes for Infrared Photodetectors and Photovoltaics,* **J. Phys. Chem. C. 119** (2015), 1683–1689.
- R. Gertman, Y. Berger, I. Visoly-Fisher, *Pulsed electrodeposition of CuSCN for superfilling of ZnO nanowire array electrodes*, **Electrochimica Acta 125** (2014), 65-70.
- D. Gerster, J. Reichert, H. Bi, J. V. Barth, S. M. Kaniber, A. W. Holleitner, I. Visoly-Fisher, S. Sergani, I. Carmeli, *Photocurrent of a single photosynthetic protein*, **Nature Nano. 7** (2012), 673–676.
- Y. Furmansky, H. Sasson, P. Liddel, D. Gust, N. Ashkenasy, I. Visoly-Fisher, *Porphyrins as ITO photosensitizers: Substituents control photo-induced electron transfer direction,* **J. Mater. Chem. 22** (2012), 20334 -20341.
- I. Visoly-Fisher, K. Daie, Y. Terazono, C. Herrero, F. Fungo, L. Otero, E. Durantini, J. J. Silber, L. Sereno, D. Gust, T. A. Moore, A. L. Moore, S. M. Lindsay, *Conductance of a biomolecular wire*, **PNAS, 103** (2006) 8686-90.
- I. Visoly-Fisher, S. R. Cohen, A. Ruzin, D. Cahen, *How polycrystalline devices can out-perform single crystal ones: thin film CdTe/CdS solar cells*, **Adv. Mater**., **16** (2004) 879-83.

**Academic activities:**

- 2014-current - Editorial Board member of **Scientific Reports**, Nature publishing group.
- 2014– Guest editor, **J. Phys.: Cond. Matter**. Special issue on "Molecular functionalization of surfaces and interfaces for device applications".
- 2014- 2017– Management Committee Member, **Cost action** MP1307 "Stable Next-Generation Photovoltaics: Unraveling degradation mechanisms of Organic Solar Cells by complementary characterization techniques" (StableNextSol).
- 2014–current – Management Committee Member and BGU rep., **Israel Vacuum Society**.