

Short Bio - Ron Tenne

Personal details

Email address: ron.tenne@uni-konstanz.de

Professional experience:

2020-present **Post-doctoral fellow**
Group leader, Leitenstorfer chair, Physics Dept.
University of Konstanz

2020 **Research Associate**
Weizmann Institute of Science, Israel

2019 **Post-doctoral fellow**
Weizmann Institute of Science, Israel

Education

2013-2018 **PhD in Physics**
Dept. of Physics of Complex Systems, Weizmann Institute of Science (Israel)

2010-2012 **MSc in Physics**
Dept. of Physics of Complex Systems, Weizmann Institute of Science (Israel)

2005-2010 **BSc in Materials Engineering, BSc in Physics**
Graduated *Summa Cum Laude* from the Technion Institute of Technology (Israel).

Awards and honors

2022 Selected for the Zukunftskolleg 5-year research fellowship

2020 Minerva postdoctoral fellowship

2019 Israel Dostrovsky memorial prize of excellence

2013 Feinberg graduate school dean's MSc prize

2009 Ilana and Abraham Rosen award, Technion

2005-2009 Technion's president list on 7 semesters

Key publications

Israel, Y.*, **Tenne, R.***, Oron, D. & Silberberg, Y. Quantum correlation enhanced super-resolution localization microscopy enabled by a fibre bundle camera. *Nat. Commun.* **8**, 1 (2017).

Tenne, R. et al. Super-resolution enhancement by quantum image scanning microscopy, *Nat. Photonics*, **13**, 116-122 (2019)

Lubin, G*., **Tenne, R.***, Antolovic, I.M.*, Charbon, E., Bruschini, C., Oron, D., Quantum correlation measurement with single photon avalanche diode arrays, *Optics Express* **27**, 23 (2019)

Lubin G*., **Tenne R.***, Ulku A. C., Antolovic I. M., Burri S., Karg S., Yallapragda V. J., Bruschini C., Charbon E., Oron, D., Heralded Spectroscopy Reveals Exciton–Exciton Correlations in Single Colloidal Quantum Dots, *Nano. Lett.*, **21**, 16 (2021)

Lubin G., Oron D., Rossman U., **Tenne R.**, Yallapragda V. J., Photon Correlations in Spectroscopy and Microscopy, *ACS Photonics* **9**, 9, 2891-2904 (2022), [Invited perspective article](#).

Fischer P., Fitzky G., Bossini D., Leitenstorfer L., **Tenne R.**, Quantitative Analysis of Free-Electron Dynamics in InSb by Terahertz Shockwave Spectroscopy, *Phys. Rev. B*, **106**, 205201 (2022)

Conradt F., Bezold V., Wiechert V., Huber S., Mecking S., Leitenstorfer A., **Tenne R.**, Electric-field fluctuations as the cause of spectral instabilities in colloidal quantum dots, *under review*

* - these authors contributed equally