

# *Ultra-cold Atom Collisions and Quantum Dynamics at Ben-Gurion University*



Several post-doctoral (and Ph.D. student) positions are available at Ben-Gurion University to carry out research in ultra-cold atomic and molecular physics of quantum degenerate Bose- and Fermi-gases. Theoretical, experimental and combined theoretical-experimental positions are open. Successful candidates will carry out research aimed at suggesting, devising, carrying out and/or interpreting atom-chip experiments. Researchers will enjoy close contact with a vibrant experimental group headed by **Ron Folman** ([www.bgu.ac.il/atomchip](http://www.bgu.ac.il/atomchip)), a vibrant theoretical group headed by **Yehuda Band** ([http://www.bgu.ac.il/chem/Yehuda\\_Band/YB\\_home\\_page.html](http://www.bgu.ac.il/chem/Yehuda_Band/YB_home_page.html)), and several additional theoretical groups working on similar problems, including groups headed by Ami Vardi, Bilha Segev, Doron Cohen, Yshai Avishai and Baruch Horovitz.

If you see yourself engaged in either experimental or theoretical research in this fascinating emerging field, contact either **Yehuda Band** or **Ron Folman** at Ben-Gurion University, Beer-Sheva 84105 Israel.

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