Optical clock project leader

At Ben-Gurion University of the Negev (BGU, Be'er Sheva campus), a new quantum technology lab was recently inaugurated to promote the development of state-of-the-art quantum technology and its transfer to the industry.

One of the projects in this lab is to realize a new atomic optical lattice clock. The project is supervised by Dr. Filippo Levi of INRIM (Italian National Metrology Institute) and Dr. Ron Folman of BGU Israel. We are searching for a project leader to build and run the clock on a long term basis.

This cutting-edge project follows a MW cold atom clock prototype recently completed and delivered to the industry by this lab.

The candidate should have extensive experience in experimental atomic physics.

Ben-Gurion University (~20000 students) is the youngest and fastest growing university in Israel. It is situated in Be'er Sheva in the middle of the Negev desert, a mere hour by train from Tel Aviv and the Mediterranean. The surrounding area includes fascinating desert landscapes with their unique geology, archaeology and wildlife, and a fantastic kaleidoscope of ancient and modern society. For those who love nature and travel, we note that the University is located a short drive from Egypt, Jordan, and Jerusalem, the Dead Sea and the beautiful coral reefs of Eilat on the shores of the Red Sea.

For details on our lab, please visit our website at www.bgu.ac.il/atomchip.
To request more details and apply please contact:
Filippo Levi (f.levi@inrim.it) and Ron Folman (folman@bgu.ac.il)