MIDAS

Thu, 2010-02-25 13:03 - Daniele Binosi [1] **Full Name:** Macroscopic interference devices for atomic and solid-state systems: quantum control of super-currents
Coordinator: KURIZKI, Gershon

Location

Weizmann Institute of Science Rehovot 76100 Israel

Website:
http://www.weizmann.ac.il/chemphys/gershon/midas/ [2]

Running time: 2008-04-01 - 2011-09-30

MIDAS aims to work on noise control allowing high fidelity quantum operations on the entanglement of collective variables which are prerequisites for high precision metrology, weak signal sensing and teleportation near the ultimate quantum limits. The project will explore the feasibility of interfacing UCA and SC quantum storage/readout system. This proposal aims to create a new field of research by merging two previously unrelated classes of quantum systems.

- Quantum Communication [3]
- EC - FP7 [4]
- STREP [5]
- Quantum Metrology, Sensing and Imaging [6]

Source URL: http://qurope.eu/db/projects/midas

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