Applications are invited for two new postdoctoral positions in Condensed Matter Theory at the Okinawa Institute of Science and Technology.

The positions would be held in the Theory of Quantum Matter unit, lead by Prof. Nic Shannon. This group uses a wide range of numerical and analytic techniques to explore novel quantum phases and excitations, with a particular emphasis on frustrated magnets.

https://groups.oist.jp/tqm

Current research interests include spin ice (Dr Ludovic Jaubert), quantum spin nematics (Dr Andrew Smerald) and quantum spin liquids (Mr Owen Benton).

The Okinawa Institute of Science and Technology (OIST) is an ambitious new English-language graduate university in Japan, with a strongly international and interdisciplinary ethos.

http://www.oist.jp/

The OIST campus is located in a coastal nature reserve, on the sub-tropical island of Okinawa. Okinawa offers a unique culture, outstanding natural beauty, and easy access to major cities in Japan, China and Korea.

OIST offers an attractive package of remuneration and benefits, including support for relocation to Japan. The positions can be taken up at any time from April to October 2013, and will be renewable for up to three years.

Letters of application, with a CV a short statement of research interests and a minimum of two letters of recommendation, should be sent to
tqm-recruiting@oist.jp

Candidates should have a Ph.D. in theoretical physics or a related discipline, be comfortable working in English, and have demonstrated a creative and independent-minded approach to research.

Applications will be reviewed as received, with the positions remaining open until filled.

Informal enquiries, and applications from candidates with a background in complementary fields such as quantum chemistry and theoretical high-energy physics, are also welcomed.