

The new research group lead by Andreas Läuchli at the Institute of Theoretical Physics, University of Innsbruck, announces the opening of **PhD positions** and a **PostDoc position**, to be filled in the second half of 2011. PhD appointments are for up to three years, while the PostDoc appointment is for two years initially, renewable to up to four years in total.

The current research activities in the group focus on computational and theoretical approaches to quantum many body systems and new states of quantum matter arising e.g. in quantum magnetism, strongly correlated electron systems, the fractional quantum Hall effect and ultracold quantum gases in and out of equilibrium.

The group is part of an exciting research environment with the presence of leading theoretical and experimental groups in quantum optics, ultracold gases and quantum information, in the physics department at the University of Innsbruck and the IQOQI. Large scale computational resources are available both in the group and at the University computing centre.

PostDoc applications - containing CV, publication list, past research achievements and future research plans, plus contact details for three referees should be submitted electronically using the subject line “PostDoc2011” to andreas.laeuchli@uibk.ac.at by **February 25 2011**.

PhD applications - containing CV, publications (if available), motivation letter, plus contact details for two referees should be submitted electronically using the subject line “PhD2011” to andreas.laeuchli@uibk.ac.at by **March 25 2011**.

Post-deadline applications will be considered until the positions are filled.

This announcement is for information purposes only. The formal appointment will be made through the University HR department at a later stage.

