Resonances and Non-Hermitian Quantum Mechanics in Nuclear and Atomic Physics
Trento, June 23-27, 2014

Main Topics
Small open quantum systems are intensely studied in various fields of physics (nuclear, atomic, and molecular physics; mesoscopic physics; quantum optics, etc.). The properties of such systems are profoundly affected by their environment, such as the continuum of decay channels. In spite of their specific features, they also display generic properties that are common to all weakly bound/unbound systems close to threshold. The objective of this workshop, the fourth in a series, is to bring together various physics communities with shared interests, addressing similar universal few- and many-body phenomena using common concepts and methodologies.

Key Participants
C. Adams (Durham, UK), A. Browaeys (Institut d’Optique, France), L. Celardo (Catholic University, Brescia, Italy), M. Efremov (Ulm, Germany), J. Evers (MPI Heidelberg), H. Fynbo (Aarhus University, Denmark), M. Gattobigio (INLN, Nice, France), H.-W. Hammer (TU Darmstadt, Germany), B. Huang (University of Innsbruck, Austria), I. Lesanovsky (University of Nottingham), M. Madurga (University of Tennessee, USA), N. Michel (Ganil, France), M. Ploszajczak (Ganil, France), X. Quang (LLNL, USA), R. Roehlsberger (DESY, Germany), M. Rontani (CNR, Italy), J. Rotureau (Chalmers, Sweden), M. Rudner (Niels Bohr Institute, Denmark), W. Schleich (Ulm University, Germany), M. Scully (Texas A&M), G. Zürn (Heidelberg, Germany)

Organizers
C. Forssén (Chalmers University of Technology, Göteborg), Christian.Forssen@chalmers.se
N. Zinner (Aarhus University), zinner@phys.au.dk
R. Kaiser (INLN, Nice), Robin.Kaiser@inln.cnrs.fr

Director of the ECT*: Professor Wolfram Weise (ECT*)

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For local organization please contact: Ines Campo - ECT* Secretariat - Villa Tambosi - Strada delle Tabarelle 286 - 38123 Villazzano (Trento) - Italy
Tel: (+39-0461) 314721 Fax:(+39-0461) 314750 E-mail: ect@ectstar.eu or visit http://www.ectstar.eu