



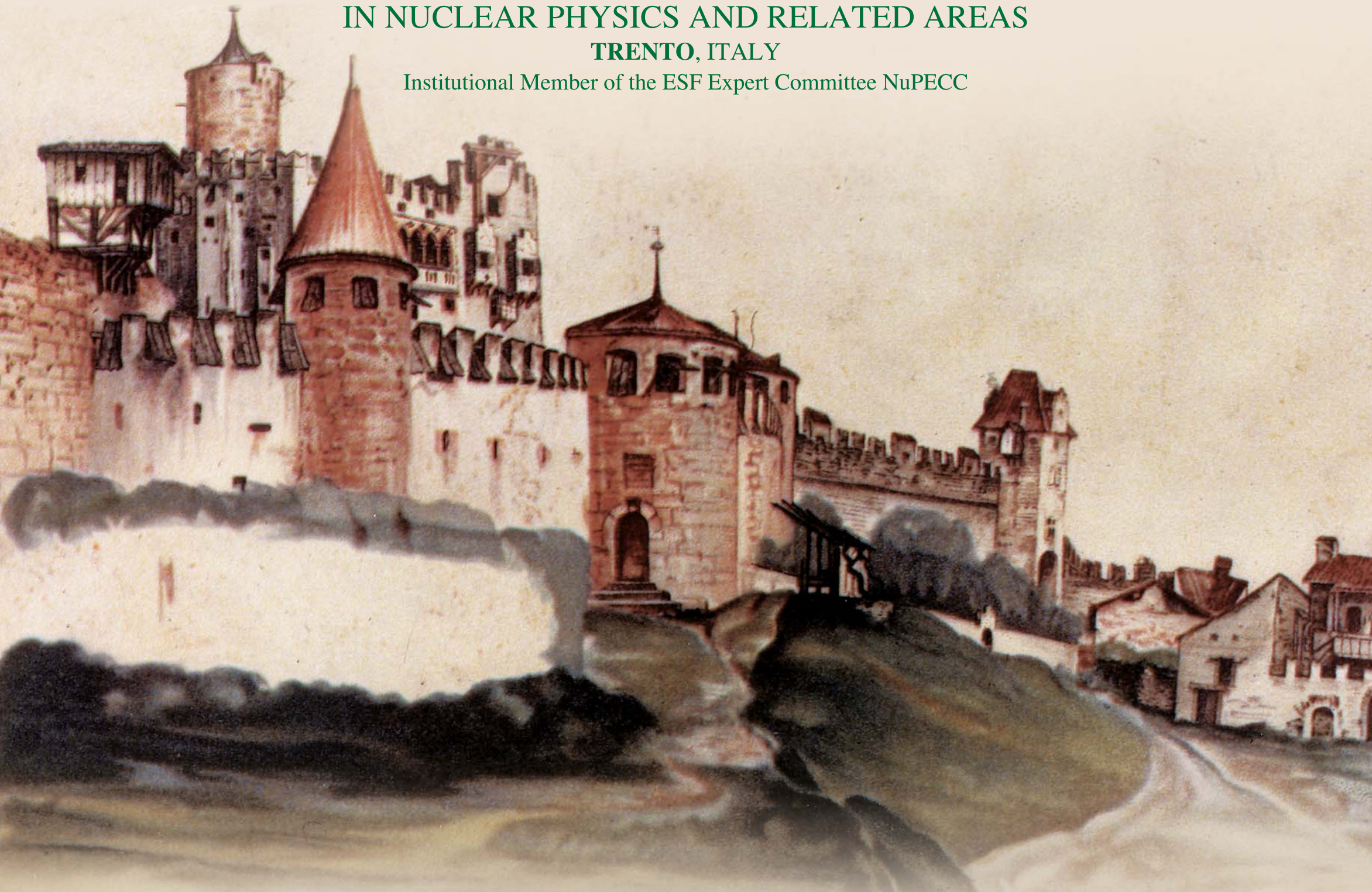
ECT*



EUROPEAN CENTRE FOR THEORETICAL STUDIES IN NUCLEAR PHYSICS AND RELATED AREAS

TRENTO, ITALY

Institutional Member of the ESF Expert Committee NuPECC



Castello di Trento ("Trint"). watercolour, 19.8 x 27.7, painted by A. Dürer on his way back from Venice (1495)

British Museum, London.

ECT* Doctoral Training Programme 2013

April 15 - May 24

Neutron-rich matter: constraints from nuclear physics and astrophysics

Programme Coordinators

Arturo Polls (*University of Barcelona*) and Achim Schwenk (*TU Darmstadt*)

Student Coordinator and Advisor

Georges Ripka (*Saclay and ECT**)

Lecturers and topics

James Lattimer (<i>SUNY Stony Brook, USA</i>)	Physics of neutron stars
Duncan Galloway (<i>Monash University, Australia</i>)	Observations of neutron stars and X-ray bursts
Sanjay Reddy (<i>INT and University of Washington, USA</i>)	Physics of the neutron star crust
Thomas Janka (<i>Max Planck Institute for Astrophysics, Germany</i>)	Neutron stars in astrophysical simulations
Klaus Blaum (<i>Max Planck Institute for Nuclear Physics, Germany</i>)	Experimental constraints on neutron-rich systems
Achim Schwenk (<i>TU Darmstadt, Germany</i>)	Neutron-rich matter: constraints from nuclear physics and ultracold atoms
Peter Braun-Munzinger (<i>GSI, Germany</i>)	Experimental constraints on hot and dense matter
Owe Philipsen (<i>Universität Frankfurt, Germany</i>)	Constraints on the phase diagram of quantum chromodynamics
Wolfram Weise (<i>ECT*, Italy</i>)	Effective theories of quantum chromodynamics

Applications

Applications for the ECT* Doctoral Training Programme should be made electronically through the ECT* Login page. It should include: a curriculum vitae, a 1-page description of academic and scientific achievements, a short letter expressing the applicant's personal motivation for participating in the programme.

In addition, a reference letter from the candidates' supervisor should be sent directly to (email is fine):

Professor Wolfram Weise - Director of ECT* - Strada delle Tabarelle, 286, I-38123 Villazzano (TN), Italy (email: serenada@ectstar.eu, fax: +39 0461 314 747)

Deadline for applications: February 25, 2013

For further details see <http://www.ectstar.eu>