



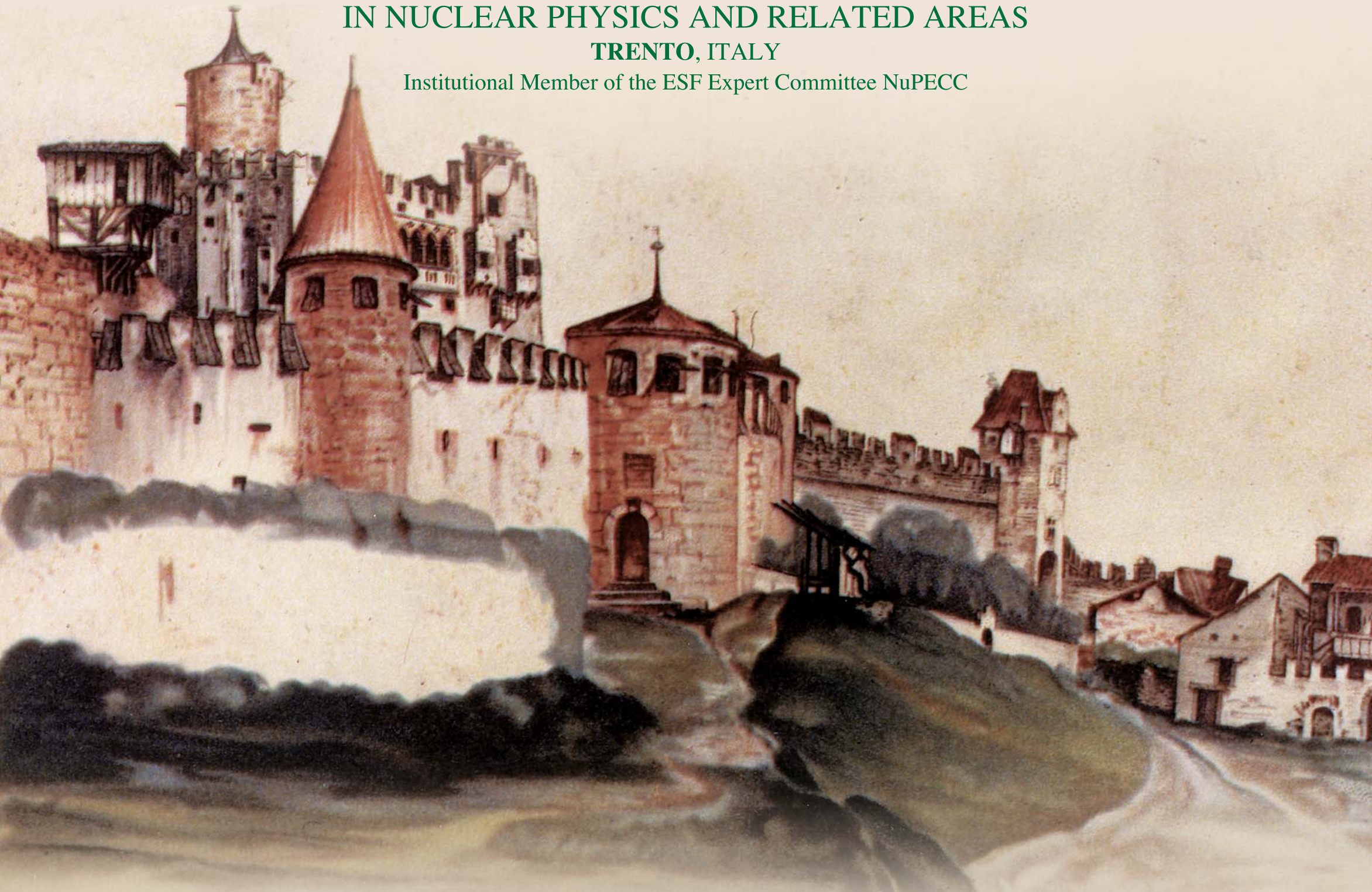
# ECT\*



## 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

<b>James Lattimer</b> ( <i>SUNY Stony Brook, USA</i> )	Physics of neutron stars
<b>Duncan Galloway</b> ( <i>Monash University, Australia</i> )	Observations of neutron stars and X-ray bursts
<b>Sanjay Reddy</b> ( <i>INT and University of Washington, USA</i> )	Physics of the neutron star crust
<b>Thomas Janka</b> ( <i>Max Planck Institute for Astrophysics, Germany</i> )	Neutron stars in astrophysical simulations
<b>Klaus Blaum</b> ( <i>Max Planck Institute for Nuclear Physics, Germany</i> )	Experimental constraints on neutron-rich systems
<b>Achim Schwenk</b> ( <i>TU Darmstadt, Germany</i> )	Neutron-rich matter: constraints from nuclear physics and ultracold atoms
<b>Peter Braun-Munzinger</b> ( <i>GSI, Germany</i> )	Experimental constraints on hot and dense matter
<b>Owe Philipsen</b> ( <i>Universität Frankfurt, Germany</i> )	Constraints on the phase diagram of quantum chromodynamics
<b>Wolfram Weise</b> ( <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](mailto:serenada@ectstar.eu), fax: +39 0461 314 747)

**Deadline for applications: February 25, 2013**

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