



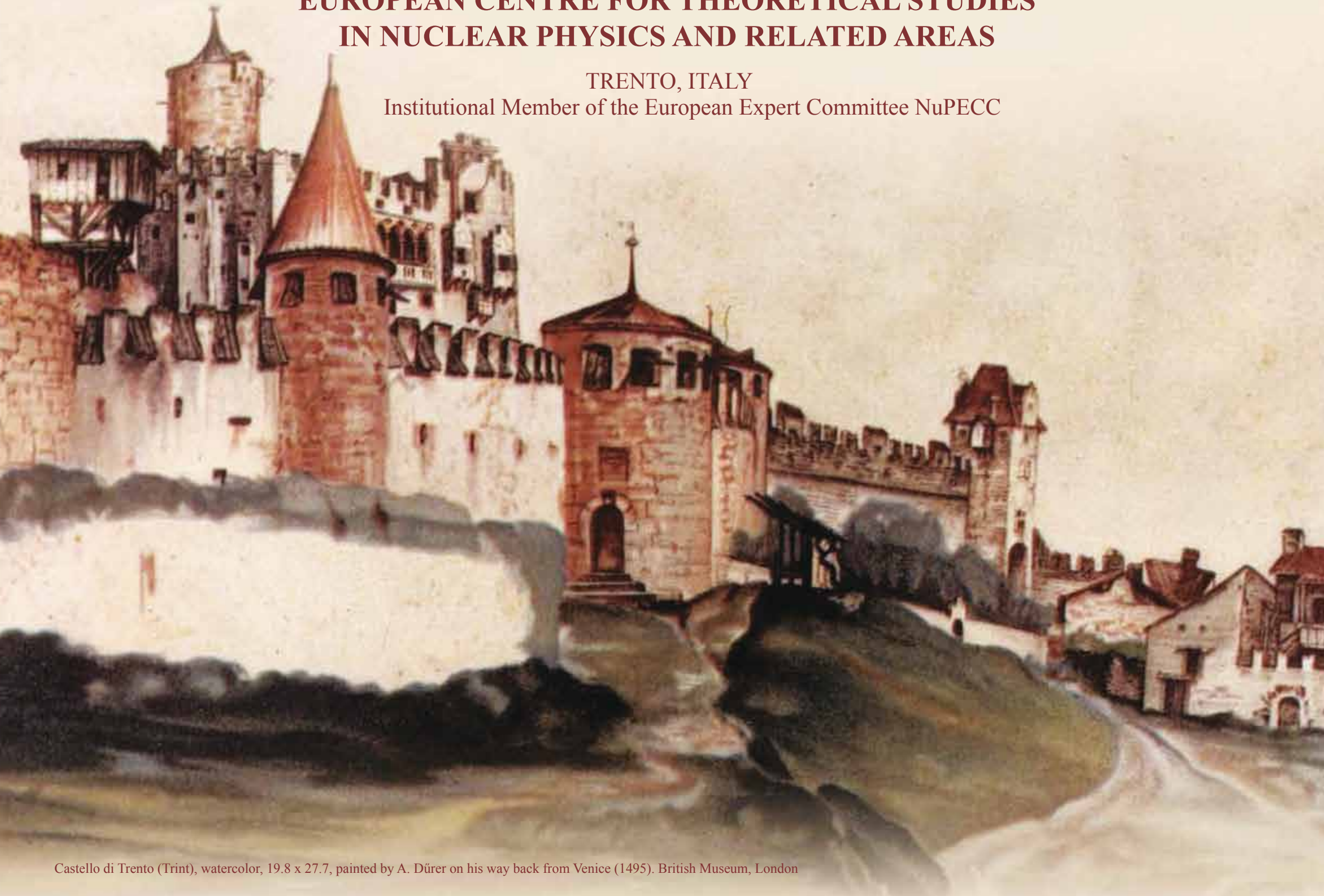
ECT*



EUROPEAN CENTRE FOR THEORETICAL STUDIES IN NUCLEAR PHYSICS AND RELATED AREAS

TRENTO, ITALY

Institutional Member of the European Expert Committee NuPECC



Castello di Trento (Trint), watercolor, 19.8 x 27.7, painted by A. Dürer on his way back from Venice (1495). British Museum, London

ECT* Doctoral Training Programme 2017

Trento, June 12-30

Microscopic Theories of Nuclear Structure, Dynamics and Electroweak Currents

Programme Coordinator

Omar Benhar (INFN and Università La Sapienza)

Students' Coordinator and Advisor

Georges Ripka (Saclay and ECT*)

Lecturers and topics

Carlo Barbieri (*University of Surrey, UK*)

Omar Benhar (*INFN and Università La Sapienza, Italy*)

Evgeny Epelbaum (*Ruhr-Universität Bochum, Germany*)

Stefano Gandolfi (*Los Alamos National Laboratory, USA*)

Luca Girlanda (*Università del Salento, Italy*)

Alessandro Lovato (*Argonne National Laboratory, USA*)

Robert Roth (*Technische Universität Darmstadt, Germany*)

Rocco Schiavilla (*Jefferson Lab. and Old Dominion University, USA*)

Self-Consistent Green's Function Approach

Electron Scattering Studies of Nuclear Structure

Nuclear Dynamics from Chiral EFT

Quantum Monte Carlo Approach

Nuclear Electroweak Current within Chiral EFT

Correlated Basis Function Approach

No-Core Shell Model Approach

Phenomenological Nuclear Interactions and Currents

Applications

Application for the ECT* Doctoral Training Programme should be submitted electronically through the ECT* web 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 candidate's supervisor should be sent to:

Professor Jochen Wambach - Director of ECT (email to Serena degli Avancini serenada@ectstar.eu, fax: +39 0461 314 747)*

Deadline for applications: March 11, 2017

For further details see www.ectstar.eu