



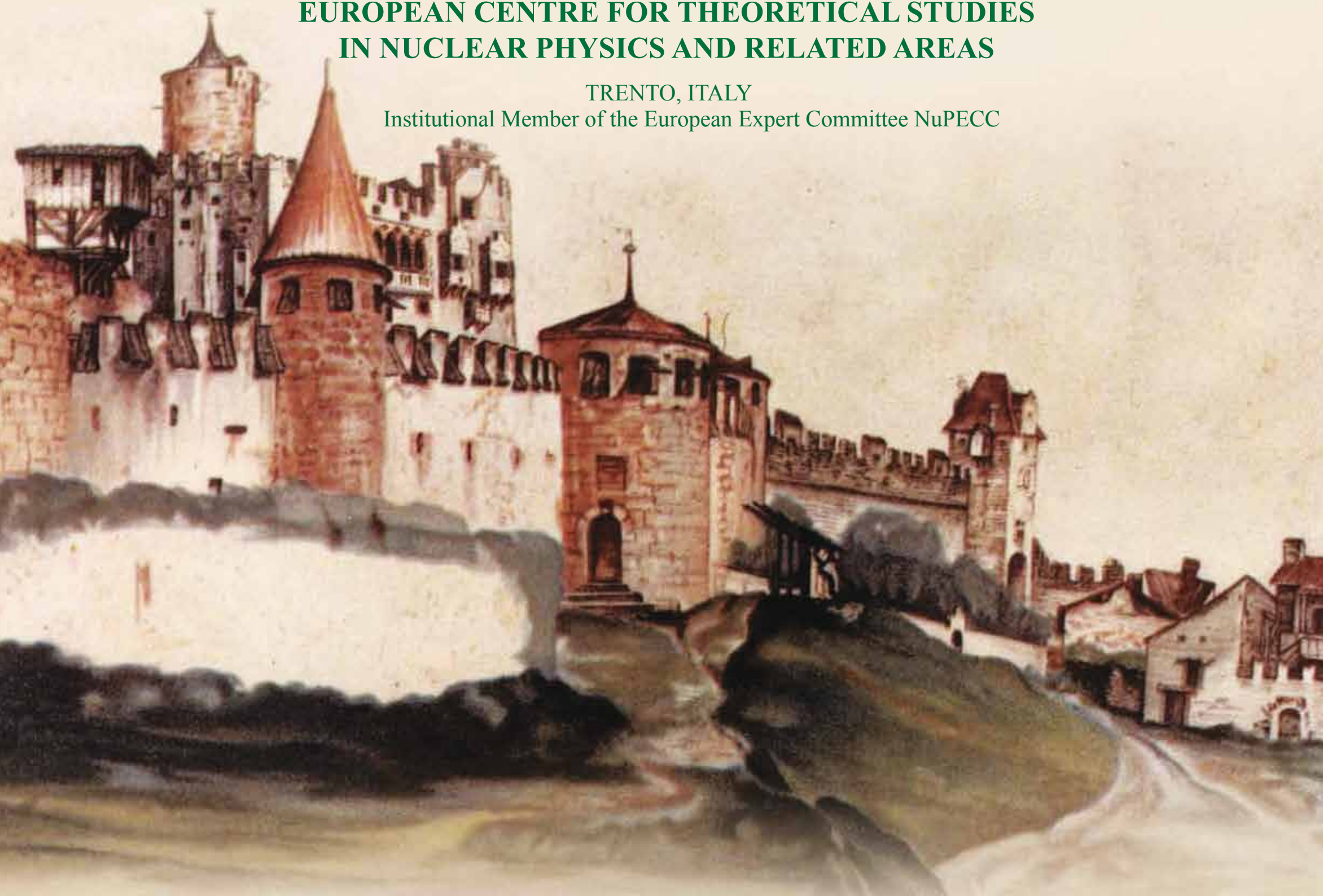
# ECT\*



## EUROPEAN CENTRE FOR THEORETICAL STUDIES IN NUCLEAR PHYSICS AND RELATED AREAS

TRENTO, ITALY

Institutional Member of the European Expert Committee NuPECC



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

British Museum, London.

## ECT\* Nuclear TALENT School 2017

Trento, July 3-21

### Theory for Exploring Nuclear Structure Experiments

#### Organizers

Alex B. Brown (*Michigan State University*) - Morten Hjorth-Jensen (*Michigan State University and University of Oslo*)

#### Students' Coordinator and Advisor

Morten Hjorth-Jensen (*Michigan State University and University of Oslo*)

#### Topics

Basic elements of nuclear many-body physics

Nuclear forces and effective interactions

The nuclear shell model

Nuclear structure experiments and nuclear many-body theory

#### Lecturers

Alex B. Brown (*Michigan State University, USA*), Alexandra Gade (*Michigan State University, USA*),

Robert Grzywacz (*University of Tennessee and Oak Ridge National Laboratory, USA*),

Morten Hjorth-Jensen (*Michigan State University, USA and University of Oslo, Norway*),

Gustav R. Jansen (*Oak Ridge National Laboratory, USA*)

#### Applications

Application for the ECT\* Nuclear Talent School 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 attending the course.

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](mailto:serenada@ectstar.eu), fax: +39 0461 314 747)

**Deadline for applications: April 15, 2017**

For further details see [www.ectstar.eu](http://www.ectstar.eu)