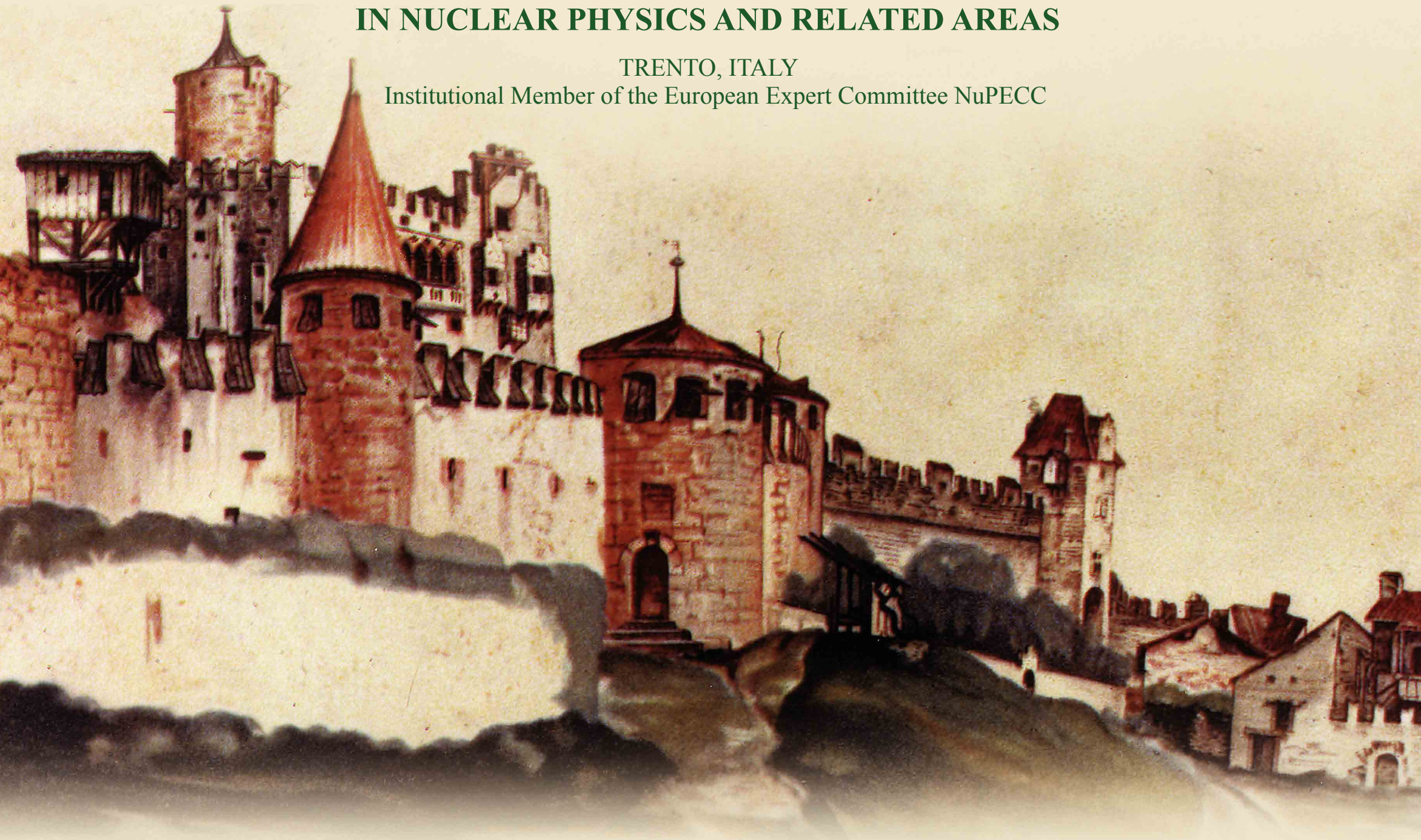
ECT*

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"). watercolour, 19.8 x 27.7, painted by A. Dürer on his way back from Venice (1495) British Museum, London.

ECT* Nuclear TALENT School 2019

Trento, July 15 - August 2

From Quarks and Gluons to Nuclear Forces and Structure

Organizers

Dean Lee (*Michigan State University*) - Andrea Shindler (*Michigan State University*)

Students' Coordinator and Advisor

Andrea Shindler (*Michigan State University*)

Topics

Introduction to lattice QCD: theory and algorithms
Lattice QCD computational methods and approaches to nuclear physics
Multi-hadron systems in lattice QCD
Hadron interactions in chiral effective field theory
Nuclear lattice effective field theory

Lecturers

Zohreh Davoudi (*University of Maryland, USA*), Evgeny Epelbaum (*Ruhr-Universität Bochum, Germany*)
Dean Lee *(Michigan State University, USA),* Thomas Luu (*Forschungszentrum Jülich & Universität Bonn, Germany*)
Francesco Pederiva (*Università degli Studi di Trento, Italy*), Andrea Shindler (*Michigan State University, 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 - fax: +39 0461 314 747)*

Deadline for applications: April 19, 2019

For further details see www.ectstar.eu