



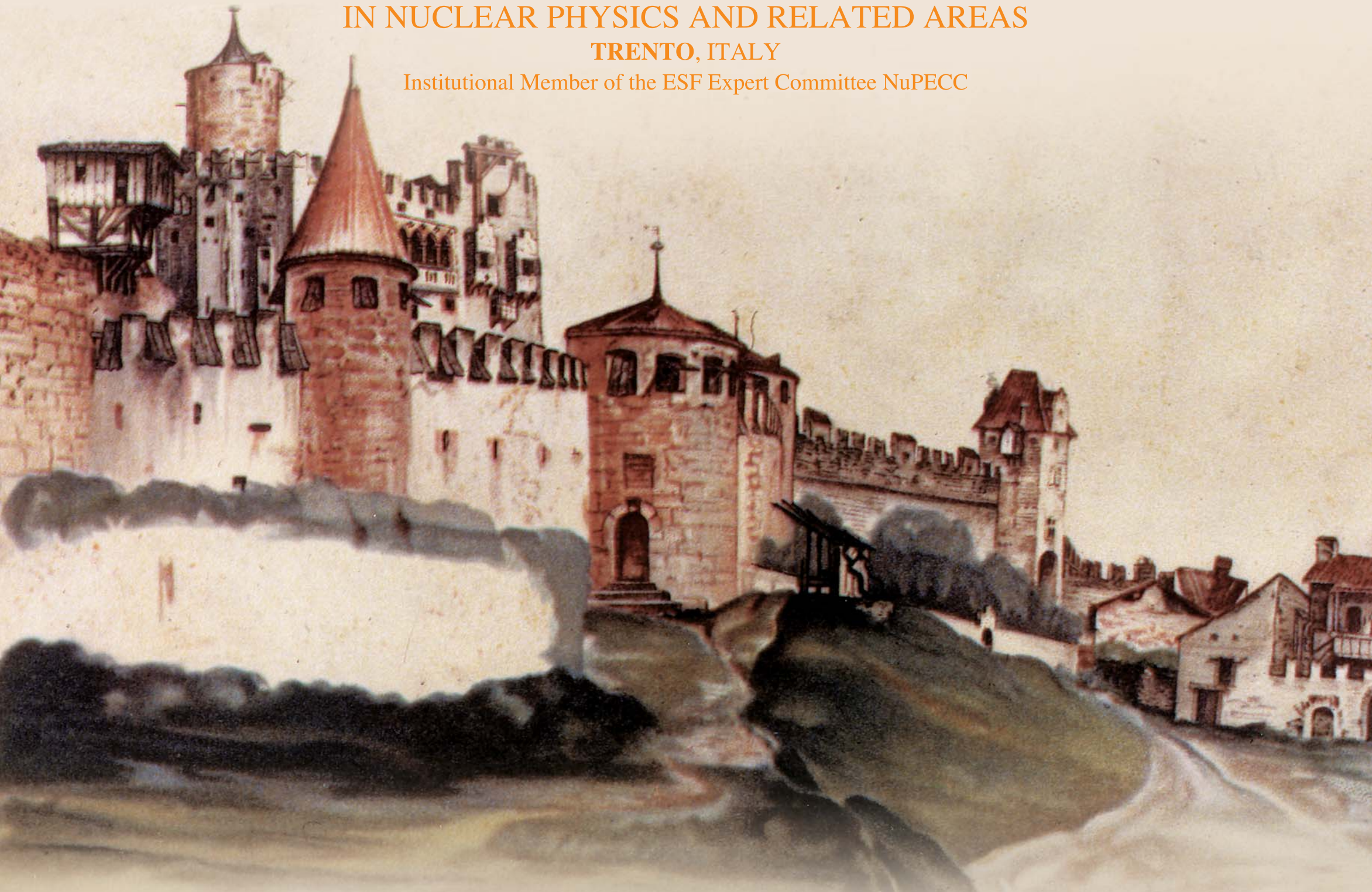
# ECT\*



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

TRENTO, ITALY

Institutional Member of the ESF Expert Committee NuPECC



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

British Museum, London.

## Compton scattering off Protons and Light Nuclei: pinning down the nucleon polarizabilities

Trento, July 29 - August 2, 2013

### Main Topics

Polarizabilities of the proton, neutron and light nuclei  
Real and Virtual Compton scattering off the proton and light nuclei  
Chiral perturbation theory, lattice QCD, and QCD-inspired models  
Dispersion theory of Compton scattering and meson production  
Nucleon and nuclear polarizability in light atoms

### Key speakers

J.-M. Alarcon (*Mainz U.*), A. Aleksejevs (*Grenfell U.*), A. Alexandru (*George Washington U.*), J. Annand (*Glasgow U.*), S. Barkanova (*Arcadia U.*), M. Birse (*Manchester U.*),  
G. Feldman (*George Washington U.*), D. Hornidge (*Mt. Allison*), M. Gorchtein (*Mainz U.*), H. Griesshammer (*George Washington U.*), C-W. Kao (*Christian U., Taiwan*),  
S. Karschenboim (*TU Munich*), V. Lensky (*Manchester U.*), Phil Martel (*MIT*), J. McGovern (*Manchester U.*), R. Miskimen (*U. Massachusetts-Amherst*), Guy Ron (*Hebrew U.*),  
S. Schlesser (*Groningen U.*), S. Sirca (*Ljubljana U.*), N. Sparveris (*Temple U.*), M. Vanderhaeghen (*Mainz U.*)

### Organizers

Evangeline J. Downie (*George Washington University, USA*), edownie@gwu.edu;  
Helene Fonvieille (*University Blaise Pascal, France*), helene@clermont.in2p3.fr;  
Vladimir Pascalutsa (*University of Mainz, Germany*), vladipas@kph.uni-mainz.de;  
Barbara Pasquini (*University of Pavia, Italy*), Barbara.Pasquini@pv.infn.it



THE LOW-ENERGY FRONTIER  
OF THE STANDARD MODEL

Director of the ECT\*: Professor Wolfram Weise (ECT\*)

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For local organization please contact: Ines Campo - ECT\* Secretariat - Villa Tambosi - Strada delle Tabarelle 286 - 38123 Villazzano (Trento) - Italy  
Tel.: (+39-0461) 314721 Fax: (+39-0461) 314750, E-mail: [ect@ectstar.eu](mailto:ect@ectstar.eu) or visit <http://www.ectstar.eu>