



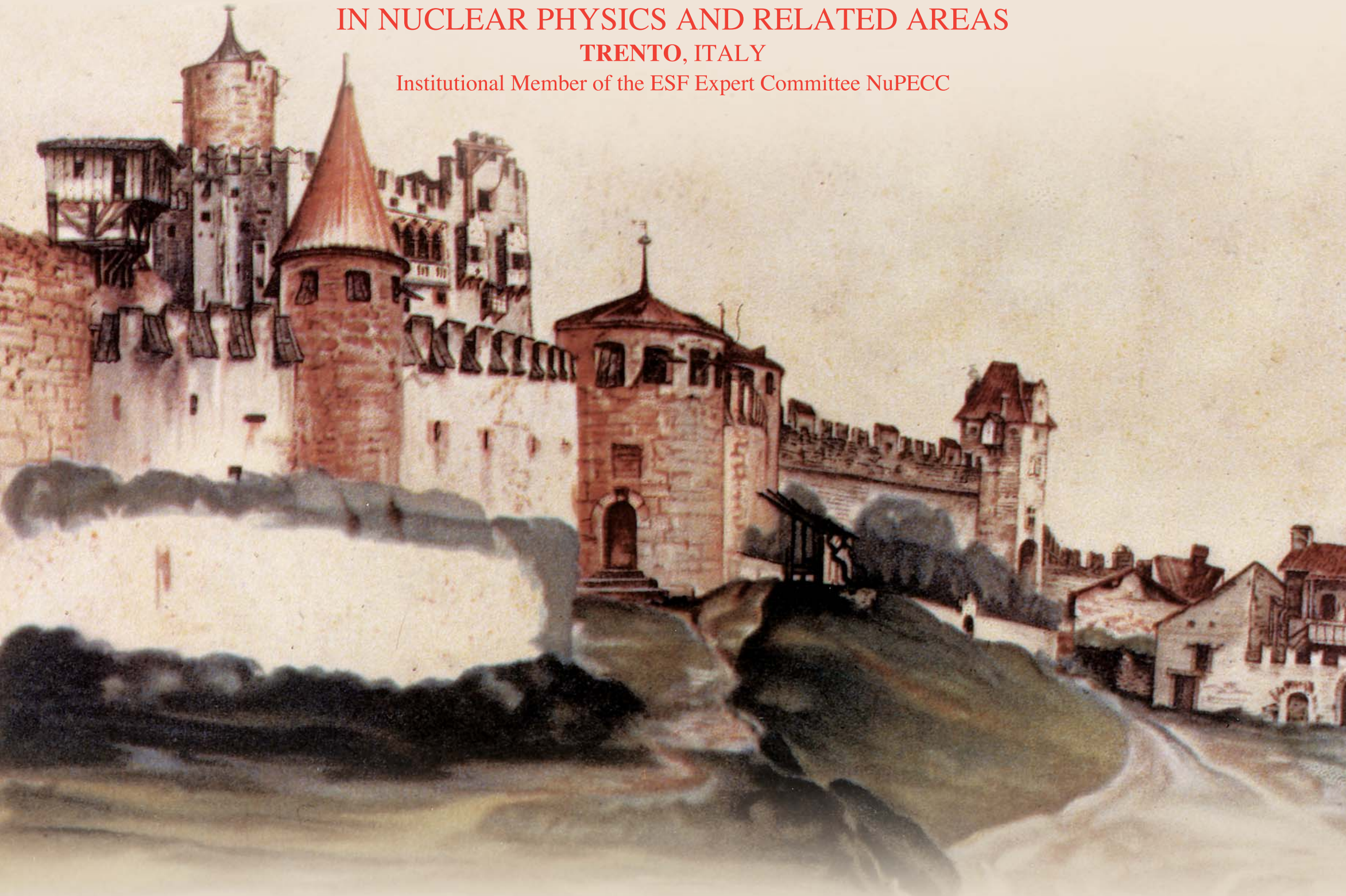
ECT*



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.

Reactions and Nucleon Properties in Rare Isotopes Trento, April 6-10, 2010

Main Topics

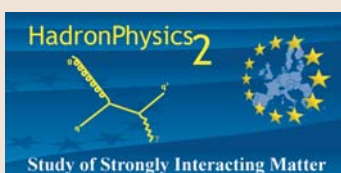
- Single-particle properties of nuclei in and beyond the valley of stability and their extraction from experiments
 - Reaction description of rare isotope experiments
- Evolution of collective excitations including spin-isospin, dipole, and monopole resonances towards the drip lines
 - Theoretical issues combining nuclear structure and reactions analyses
 - Extraction of matter properties with extreme values of isospin

Key speakers include

R. Lemmon (*Daresbury*), I. Tanihata (*RCNP Osaka*), R. Krücken (*Technical Univ. Munich*), T. Uesaka (*CNS Tokyo*), R. Zegers (*NSCL/MSU East Lansing*), M. Harakeh (*KVI Groningen*), B. Davids (*TRIUMF Vancouver*), J. Schiffer (*Argonne Nat. Lab. Chicago*), K. Boretzky (*GSI Darmstadt*), F. Azaiez (*IPN Orsay*), A. Moro (*Univ. Sevilla*), R. Johnson (*Univ. Surrey*), A. Mukhamedzhanov (*Texas A&M Univ.*), L. Canton (*INFN Padova*), N. Timofeyuk (*Univ. Surrey*), A. Deluva (*Univ. Lisbon*), Y. Utsuno (*JAEA*), A. Zuker (*CNRS Strasbourg*), J. Ryckebusch (*Univ. Ghent*), B. Tsang (*NSCL/MSU, East Lansing*), J. Lee (*NSCL/MSU, East Lansing*), A. Obertelli (*CEA-Saclay*), S. Shimoura (*CNS Tokyo*), T. Wakasa (*Kyushu Univ. Fukuoka*), C. Horowitz (*Indiana Univ. Bloomington*), U. Garg (*Notre Dame Univ. Indiana*), B. Charity (*Washington Univ. St. Louis*), I. Sick (*Univ. Basel*), L. Dieperink (*KVI Groningen*), E. Vigezzi (*Univ. Milano*), G. Colo (*Univ. Milano*), A. Rios (*Univ. Surrey*), A. Polls (*Univ. Barcelona*), J. Dobaczewski (*Univ. Jyväskylä*), H. Sakai (*Univ. Tokyo*), Y. Fujita (*RCNP Osaka*), T. Noro (*Kyushu Univ. Fukuoka*)

Organizers

W. Dickhoff, Coordinator, (*Washington Univ St. Louis*), wimd@wuphys.wustl.edu; T. Aumann (*GSI Darmstadt*);
C. Barbieri (*RIKEN Tokyo*); F. Nunes (*NSCL/MSU, East Lansing*); J. Piekarewicz (*FSU Tallahassee*)



Director of the ECT*: Professor Achim Richter (*ECT**)

The ECT* is sponsored by the "Fondazione Bruno Kessler" in collaboration with the "Assessorato alla Cultura" (Provincia Autonoma di Trento), funding agencies of EU Member and Associated States and has the support of the Department of Physics of the University of Trento.

For local organization please contact: Cristina Costa or Ines Campo - ECT* Secretariat - Villa Tambosi - Strada delle Tabarelle 286 - 38123 Villazzano Trento - Italy
Tel.: (+39-0461) 314-730 or -721 Fax: (+39-0461) 935007, E-mail: ect@ect.it or visit <http://www.ect.it>