



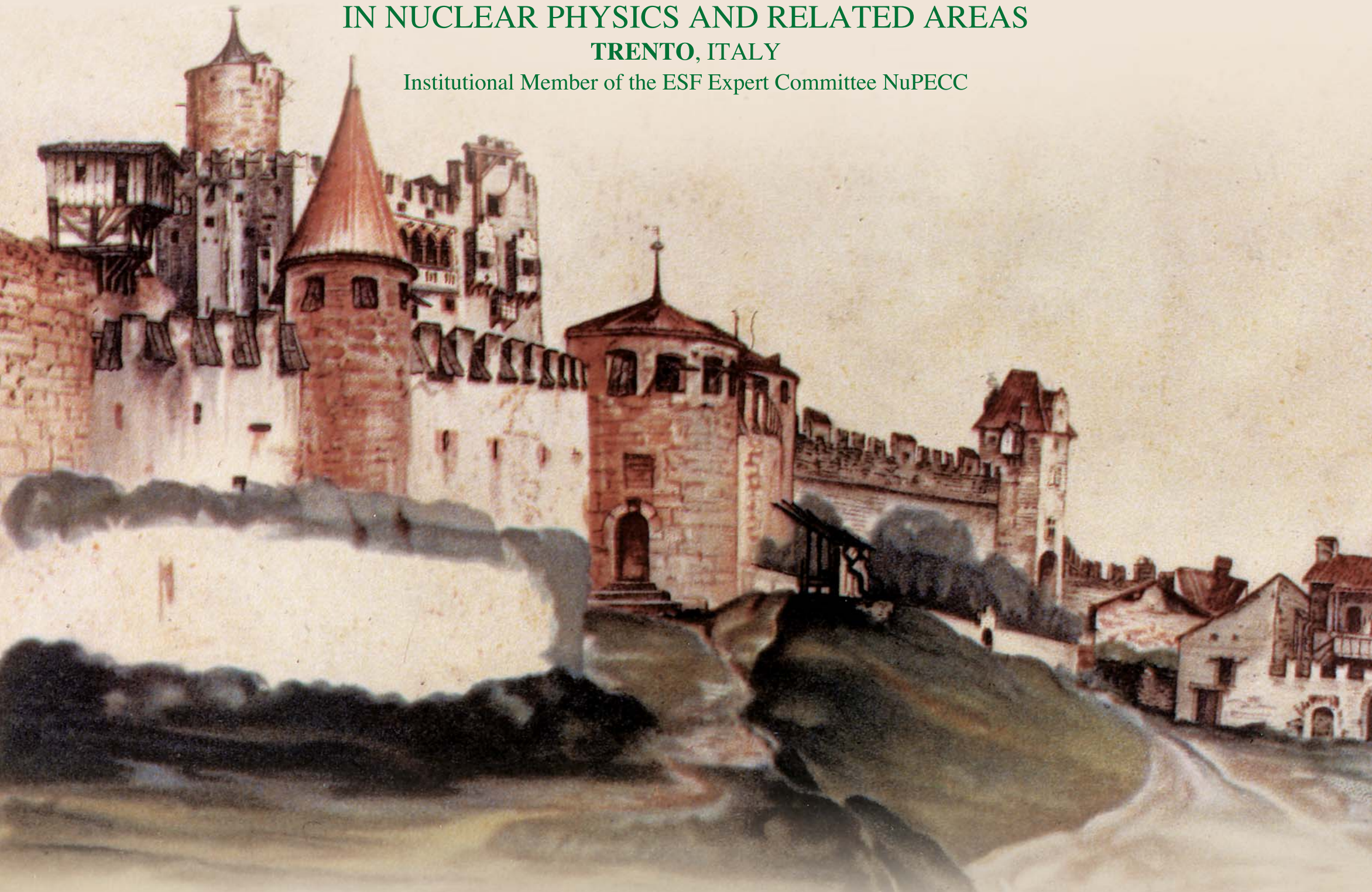
ECT*



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.

Nucleon Matrix Elements for New-Physics Searches Trento, July 22 - 26, 2013

Main Topics

Neutron β Decay Studies of Non- $V-A$ Currents and CKM Unitarity
Neutron-Antineutron Oscillations
Nucleon Decays
Nucleon Electric Dipole Moments
Nucleon Matrix Elements for Dark Matter Searches



Key speakers include

Constantina Alexandrou (*U. Cyprus*), Yasumichi Aoki (*KMI, Nagoya*), K.S. Babu* (*Oklahoma State U.*), Thomas Blum (*U. Connecticut*), Michael Buchhoff (*LLNL*), Vincenzo Cirigliano (*LANL*), Sara Collins (*U. Regensburg*), Andrzej Czarnecki (*Alberta U.*), Peter Fierlinger (*Munich T.U.*), George Fleming (*Yale U.*), Joel Giedt (*Rensselaer*), Rajan Gupta (*LANL*), Richard Hill (*U. Chicago*), Yuri Kamyshkov (*U. Tennessee*), Andreas Kronfeld (*FNAL*), Bastian Märkisch (*U. Heidelberg*), William Marciano (*BNL*), Ulf-G. Meißner (*U. Bonn & FKZ Jülich*), Rabindra N. Mohapatra (*U. Maryland*), Maxim Pospelov (*Perimeter & U. Victoria*), Adam Ritz (*U. Victoria*), Gerrit Schierholz (*DESY*).
* To be confirmed

Organizers

Huey-Wen Lin (*University of Washington, USA*), hmlin@phys.washington.edu
Susan Gardner (*University of Kentucky, USA*), gardner@pa.uky.edu
Felipe Llanes-Estrada (*Univ. Complutense de Madrid, Spain*), Fllanes@fis.ucm.es



Director of the ECT*: Professor Wolfram Weise (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: Gian Maria Ziglio - 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 or visit <http://www.ectstar.eu>