



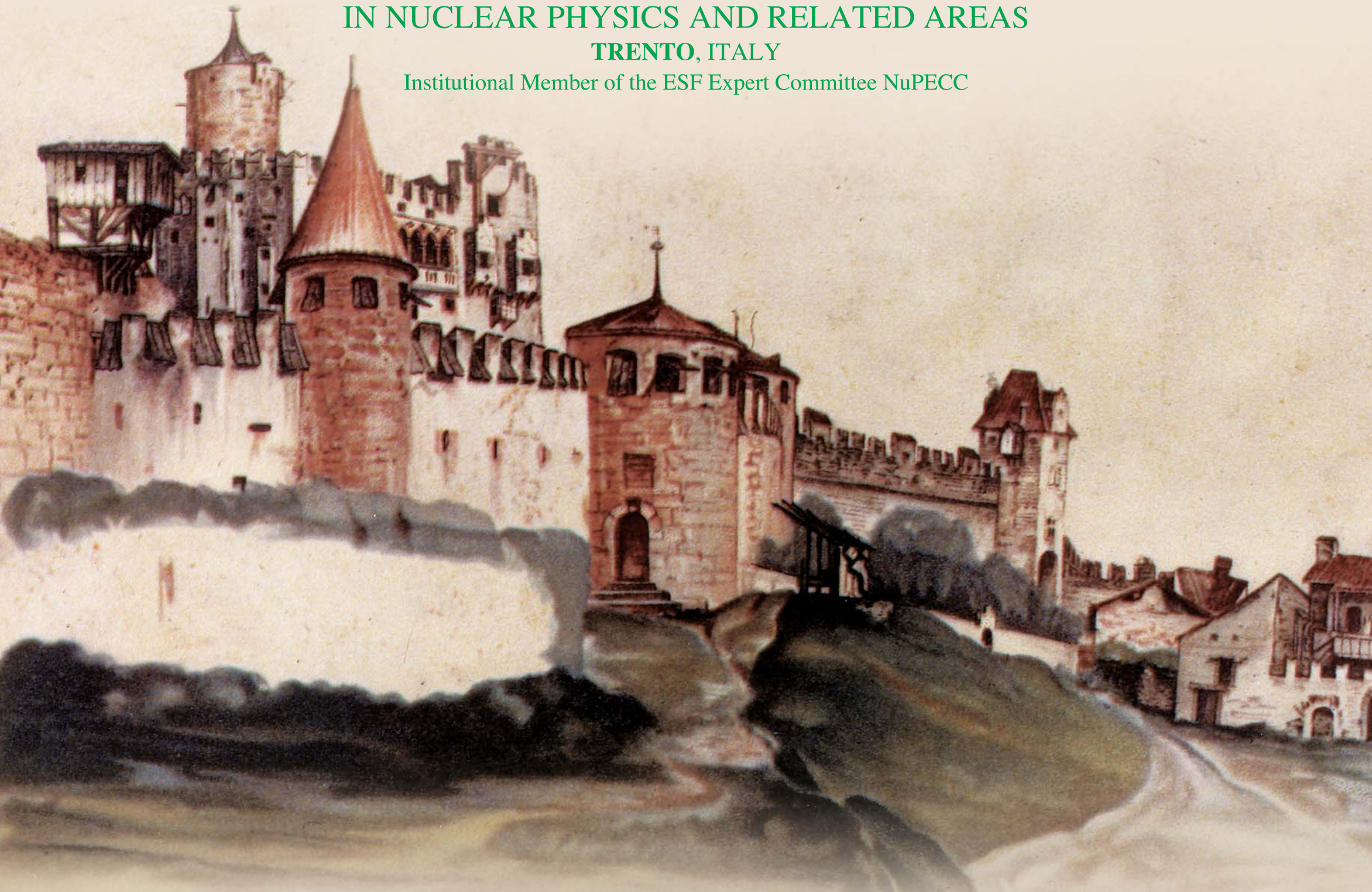
ECT*



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.

Initial State Fluctuations and Final State Correlations in Heavy-Ion Collisions

Trento, July 2-6, 2012

Main Topics

Initial state physics in heavy ion collisions
Transport coefficients of the quark gluon plasma
Bulk evolution of the collision system and event-by-event approaches
Exploration of higher harmonic flow observables and other long-range correlations
Longitudinal dynamics and correlations
New experimental results from RHIC and LHC

Key speakers include

Massimiliano Alvioli (*ECT**), Ante Bilandzic (*Copenhagen*), Marcus Bleicher (*Frankfurt / HIC for FAIR*), Adrian Dumitru (*Baruch College*), Sean Gavin (*Wayne State*), Charles Gale (*McGill*), Frederique Grassi (*USP*), Hannu Holopainen (*Frankfurt*), Ulrich Heinz (*OSU*), Che-Ming Ko (*TAMU*), Roy Lacey (*Stony Brook*), Wei Li (*MIT*), Soumya Mohapatra (*Stony Brook*), George Moschelli (*Frankfurt*), Philippe Mota (*Frankfurt*), Berndt Mueller (*Duke*), Koichi Murase (*University of Tokyo*), Yasushi Nara (*Akita International University*), Jean-Yves Ollitrault (*IPhT, CEA Saclay*), Arthur Poskanzer (*LBNL*), Zhi Qiu (*OSU*), Gunther Roland (*MIT*), Bjoern Schenke (*BNL*), Jurgen Schukraft (*CERN*), Misha Stephanov (*UIC*), Derek Teaney (*Stony Brook*), Xin-Nian Wang (*LBNL*), Klaus Werner (*Nantes*)

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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.

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