

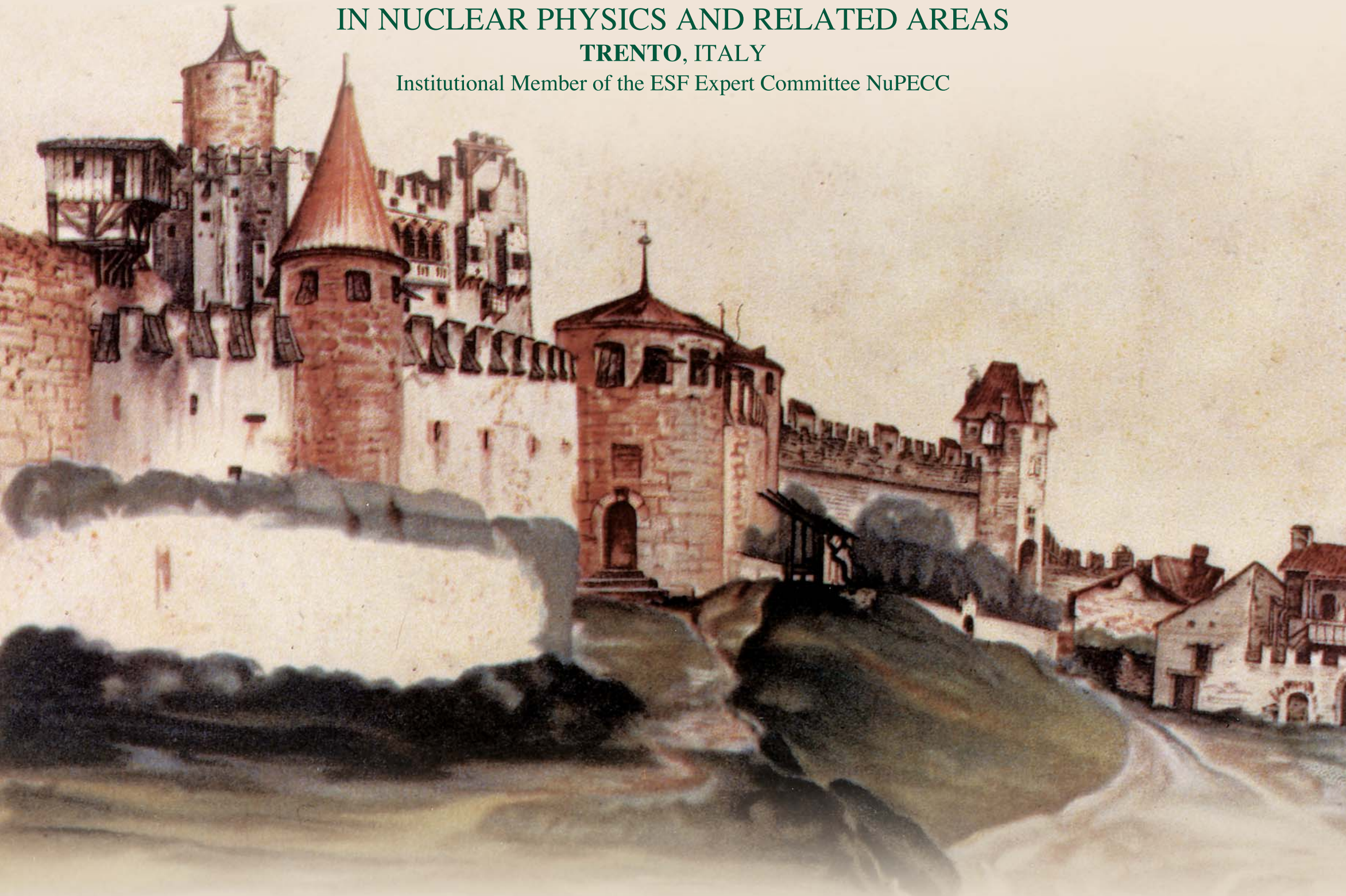


ECT*



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.

AURORA SCHOOL Trento, September 20th – October 1st, 2010

Main Speakers and topics:

Constantia M. Alexandrou (University of Cyprus): Introduction to Lattice QCD

Nir Barnea (Hebrew University, Jerusalem): Few Body Methods in Nuclear Physics

Andrea Pelissetto (University of Rome, "La Sapienza" and INFN): Monte Carlo Methods for Statistical Physics and Critical Phenomena"

Kevin E. Schmidt (Arizona State University): Quantum Monte Carlo methods for Nuclear Physics

Roberto Alfieri (University of Parma and INFN), Fabio Schifano (University of Ferrara and INFN): AURORA: Architecture, Software, and Applications

Contributions will be presented by ATreP (Trentino Agency for ProtonTherapy) and FEM (Edmund Mach Foundation)

Coordinator:

F. Pederiva (University of Trento and INFN)

Organizing Committee:

Francesco Di Renzo (University of Parma and INFN), Winfried Leidemann (University of Trento and INFN),
Luigi Scorzato (ECT*), Paolo Verrocchio (University of Trento)

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



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