



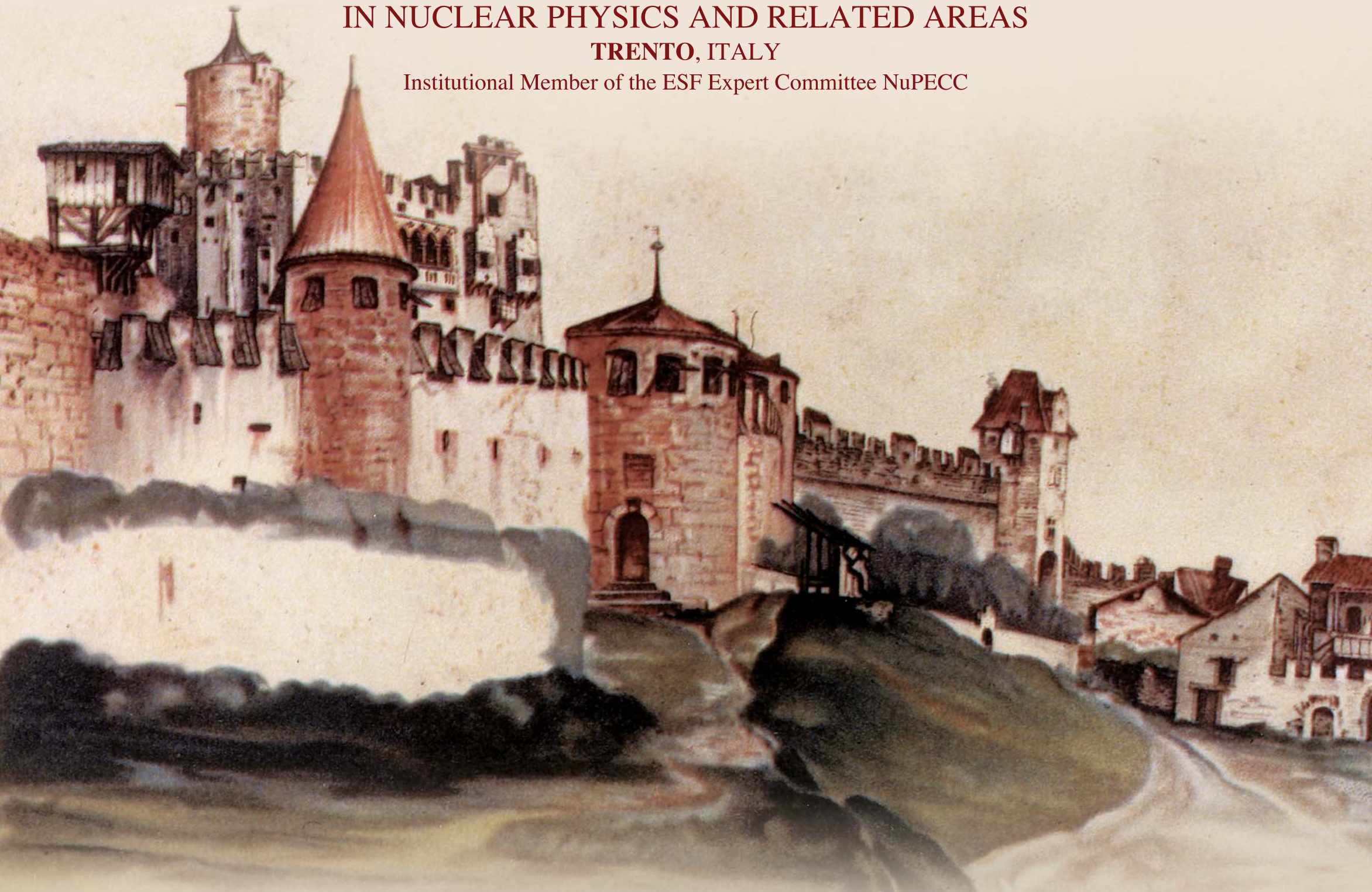
ECT*



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.

Microphysics in Computational Relativistic Astrophysics MICRA 2013 Trento, September 23 - 27, 2013

Main Topics

Neutrino-matter interactions
The role of light nuclei
Heavy elements synthesis in supernovae and mergers
The nuclear equation of state
Neutrino transport methodology

Key speakers include

T. Fischer (*GSI*), C. Horowitz (*Indiana*), J. Lattimer (*Stony Brook*), M. Liebendoerfer (*Basel*),
E. O'Connor (*CITA*), G. Martinez-Pinedo (*Darmstadt/GSI*), G. McLaughlin (*NCSU*), C. Pethick (*Niels Bohr Institute*),
L. Rezzolla (*AEI Potsdam*), S. Reddy (*INT, U Washington*), A. Schwenk (*Darmstadt*), M. Shibata (*Kyoto*),
A. Steiner (*INT, U Washington*), F. Thielemann (*Basel*), C. Volpe (*Paris*)

Organizers

Christian Ott (*California Institute of Technology*)
Almudena Arcones (*TU Darmstadt*)
Filippo Galeazzi (*Universidad de Valencia*)
H.-Thomas Janka (*Max Planck Institute for Astrophysics*)

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



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