

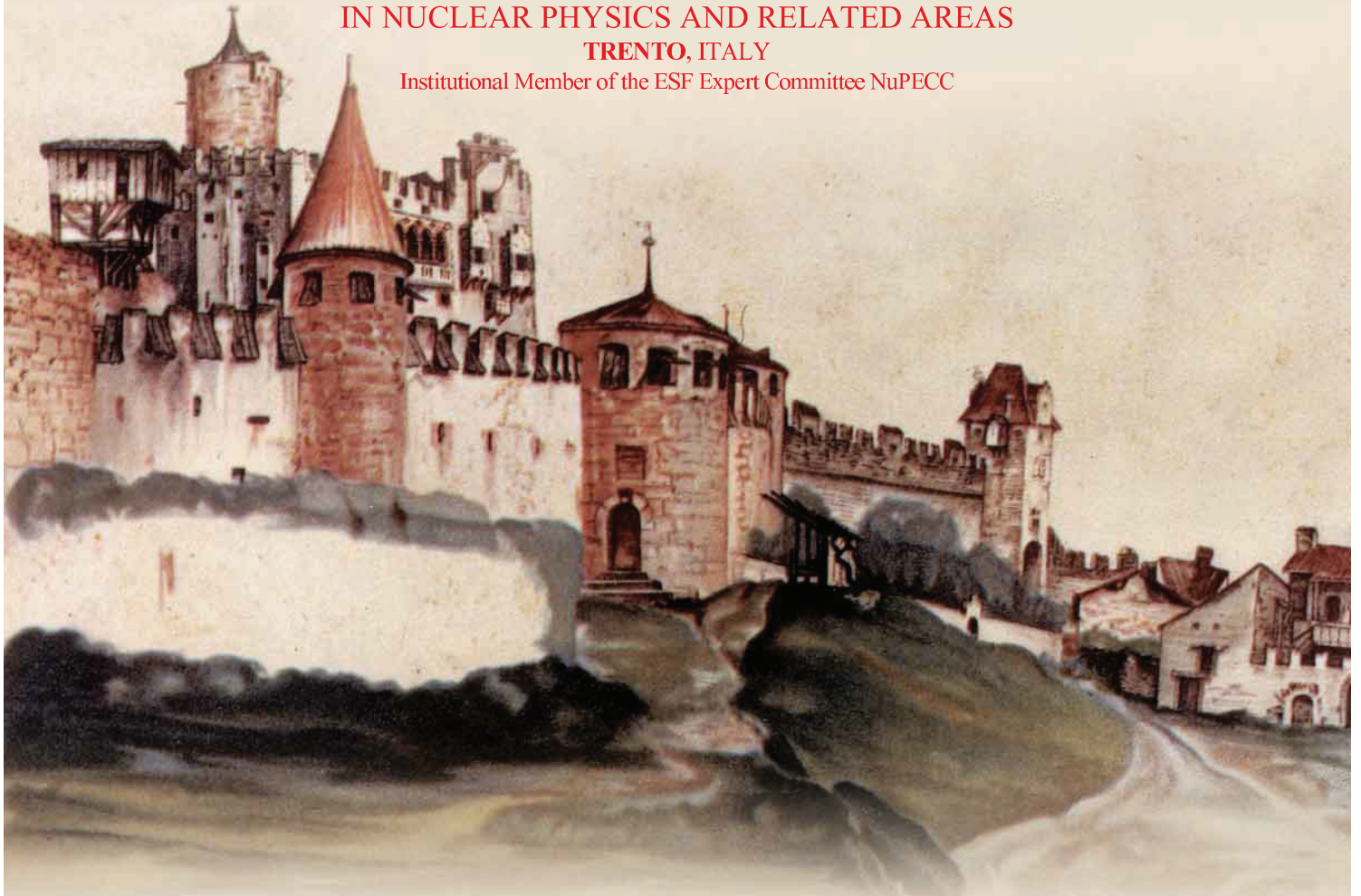


ECT*



EUROPEAN CENTRE FOR THEORETICAL STUDIES
IN NUCLEAR PHYSICS AND RELATED AREAS
TRENTO, ITALY

Institutional Member of the ESF Expert Committee NuPECC



Castello di Trento ("Trin"), watercolour, 19.8 x 27.7, painted by A. Dürer on his way back from Venice (1495)

British Museum, London.

Interdisciplinary Workshop on Statistical and Analysis Methods in Nuclear, Particle and Astrophysics Trento, November 3 - 5, 2014

Main Topics

Introductory lectures for students
Particle physics: Multivariate analysis techniques, frequentist methods, Stan package
Astroparticle physics: Bayesian and frequentist analysis, confidence intervals
Astronomy & cosmology: Bayesian methods, galaxy catalogues, lensing

Scientific Organizing Committee

Frederik Beaujean (*LMU*), Hans Boehringer (*MPE*), Allen Caldwell (*MPP*), Torsten Ensslin (*MPA*), Boris Grube (*TUM*), Fabrizia Guglielmetti (*MPE*),
Andreas Mueller (*TUM*), Chair

Key Participants

Chiara Arina (*RWTH Aachen*), Michael Betancourt (*Columbia U, Imperial College*), Steve Biller (*U Oxford*), Kyle Cramner (*New York U*), Fabrizia
Guglielmetti (*MPE*), Jens Jasche (*TUM*), Franz Proebst (*MPP*), Benjamin Wandelt (*U Illinois at Urbana-Champaign*), Balazs Kegl (*LAL, Orsay*)

Organizers

Stephan Paul (*TU Munich*)
Andreas Mueller (*Excellence Cluster Universe - Munich*)

www.universe-cluster.de/trento2014

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

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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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