

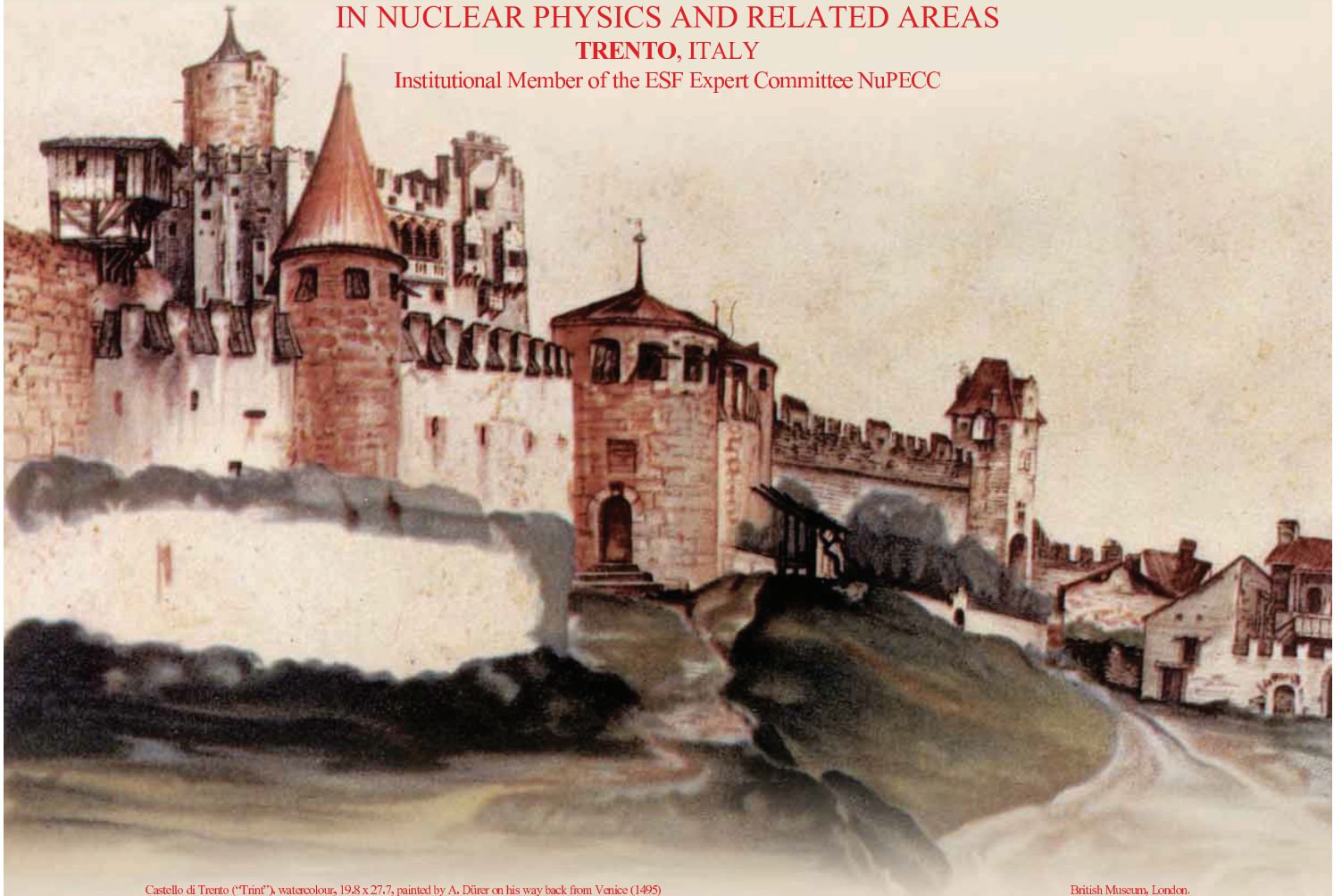


ECT*



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.

New Frontiers in Multiscale Modelling of Advanced Materials 17-20 June, 2014

Main Topics

Atomistic and continuum approaches to materials science and related areas
Electronic, optical and mechanical properties of materials
Theoretical and Experimental Spectroscopy
Large-scale calculations with HPC

Key Participants

Dario Alfè (*University College London, UK*), Alessandro De Vita (*King's College London, UK*), Marco Garavelli (*Ecole Normale Supérieure de Lyon, France and University of Bologna, Italy*), Giulio Cerullo (*Politecnico di Milano, Italy*), Francesco Mauri (*IMPMC, Paris*), Paolo Umari (*University of Padua, Italy*), Francesco Pederiva (*University of Trento, Italy*), Mike Towler (*UCL – Cambridge, UK*), J Karl Johnson (*University of Pittsburgh, USA*), Sandro Sorella (*SISSA, Italy*), Ivano Tavernelli (*EPFL*), Philippe Sautet* (*ENS de Lyon, France*), Balint Aradi (*University of Bremen, Germany*), Alfredo Iorio (*Charles University - Prague, Czech Republic*), Pietro Faccioli (*University of Trento, Italy*), Michele Casula (*IMPMC - Paris*), Matteo Calandra (*IMPMC - Paris*), Laszlo Kover (*Hungarian Academy of Science, Debrecen, Hungary*), Ettore Barbieri (*Queen Mary University of London, UK*), Mario Orsi (*Queen Mary University of London, UK*), Nikos Doltsinis (*University of Muenster, Germany*), Costas Galotis (*Forth, Greece*), Marco Paggi (*Institute for Advanced Studies Lucca, Italy*), Davide Bigoni (*University of Trento, Italy*), Paolo Scardi (*University of Trento, Italy*), Roberto Verucchi (*CNR, Trento, Italy*), Valentina Tozzini (*CNR-Pisa, Italy*), Nicola Pugno (*University of Trento, Italy*), Federico Bosia (*University of Torino, Italy*), Seunghwa Ryu (*Korea Advanced Institute of Science and Technology, Korea*), Stefano Signetti (*University of Trento, Italy*)

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