

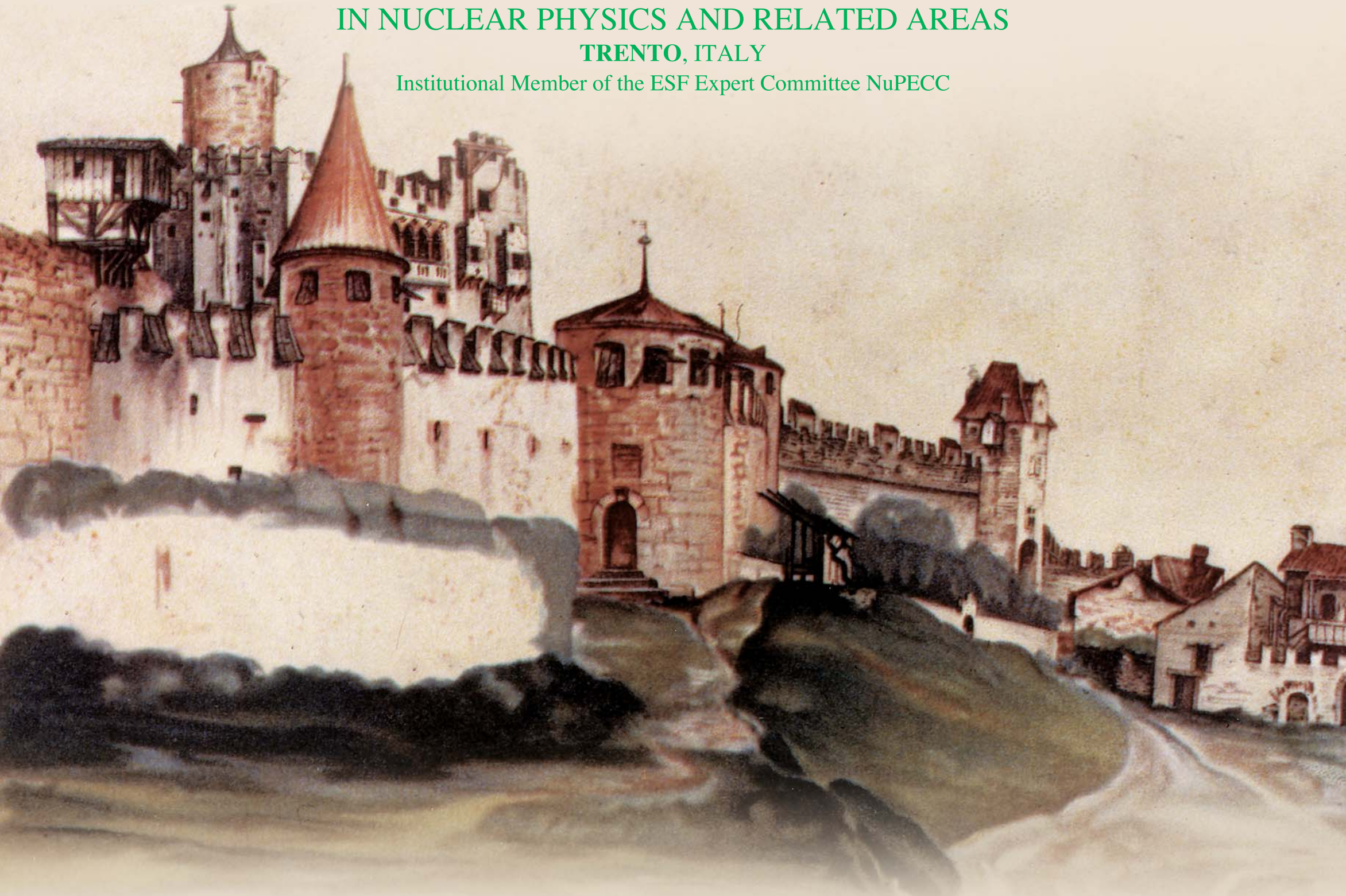


# ECT\*



## 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.

## International workshop on Strong, Weak and Electromagnetic Interactions to probe Spin-Isospin Excitations Trento, September 28 - October 2, 2009

### Main Topics

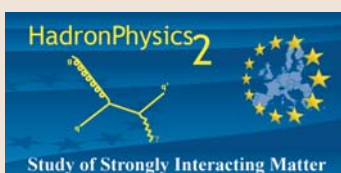
- \*Studies of spin-isospin excitations via Gamow-Teller Transitions
- \*Gamow-Teller transitions studied in beta decay and Charge Exchange reactions
- \*Methods for studying charge exchange processes and beta decay in exotic nuclei
  - \*Fusion of results from beta decay and charge exchange reactions
  - \*M1 responses of nuclei
- \*Inelastic scattering and gamma decay for the study of M1 transitions
- \*Importance of Weak Interaction processes in explosive stellar processes

### Speakers include:

S. Austin (MSU, USA), J. Aysto (Jyväskylä, Finland), B. Balantekin (Wisconsin, USA), B. Blank (Bordeaux, France), B.A. Brown (MSU, USA), A. Dewald (Köln, Germany), D. Frekers (Münster, Germany), Y. Fujita (Osaka, Japan), A. Krasznahorkay (Debrecen, Hungary), S. Lenzi (Padova, Italy), G. Martinez-Pinedo (GSI, Germany), F. Montes (MSU, USA), P.v. Neumann-Cosel (TU Darmstadt, Germany), T. Otsuka (Tokyo, Japan), N. Paar (Zagreb, Croatia), J. Pereira (MSU, USA), H. Sagawa (Aizu, Japan), H. Sakai (Tokyo, Japan), P. Sarriguren (Madrid, Spain), A. Tamii (Osaka, Japan), J.L. Tain (Valencia, Spain), J.A. Tostevin (Surrey, UK), R. Zegers (MSU, USA), A. Zilges (Köln, Germany)

### Organizers

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**Vice Director:** Professor Marco Traini (Trento)

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