



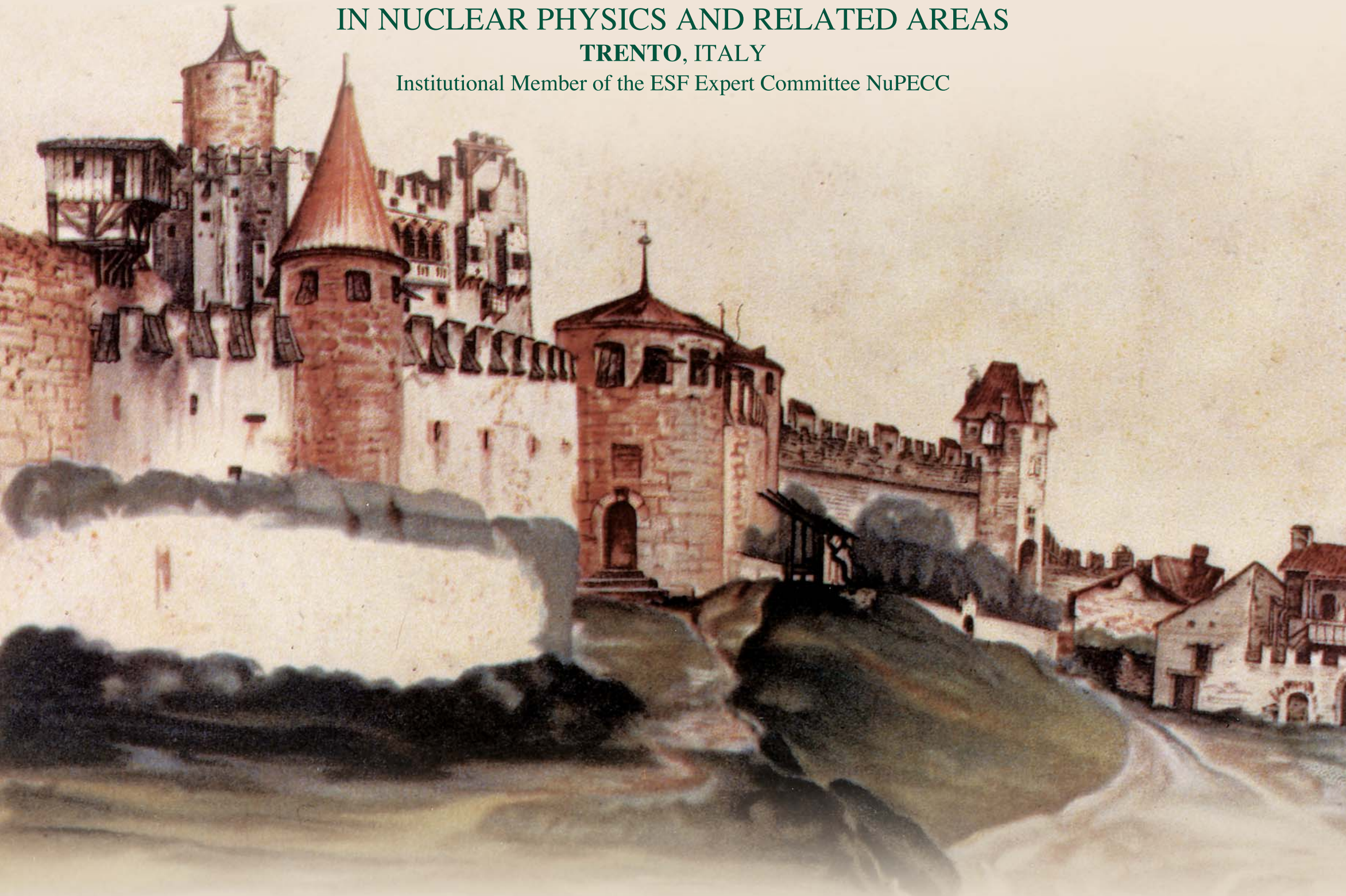
# ECT\*



## 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)

C. British Museum, London.

## International Workshop on Strangeness polarization in semi-inclusive and exclusive Lambda production. 27-31 October, 2008

### MAIN TOPICS

- 1) Strangeness polarization and nucleon structure: Ideas and current status
- 2) Semi-inclusive Lambda production in e-p: Experimental status, QCD analysis, phenomenology of distribution/fragmentation functions
- 3) Lambda polarization in pp: Experimental status, reaction models, phenomenology
- 4) Target fragmentation in semi-inclusive DIS: Theory (QCD factorization, fracture functions), phenomenology, experimental status and prospects
- 5) Exclusive Lambda production: Theory, phenomenology of N  $\rightarrow$  Lambda GPDs, experimental prospects (JLab 12 GeV)
- 6) Lambda production in p-p/pbar at LHC, FAIR and JPARC
- 7) Target fragmentation and exclusive measurements with a future ep collider (EIC)

### KEY SPEAKERS

M. Alberg (Seattle U.); V. Alexakhine (JINR); M. Anselmino (Torino); S. Belostotski (Petersburg NPI); L. Bland (BNL); D. Carman (JLab); A. Deshpande (Stony Brook); R. Ent (JLab); L. Gamberg (Penn State); D. Hwang (Sejong U.); T. Johansson (Uppsala U.); S. Kim (Sejong U.); A. Kotzinian (CEA Saclay); Z. Liang (Shandong U.); B.-Q. Ma (Peking U.); M. Mirazita (LNF-INFN); P. Mulders (VU U., Amsterdam); D. Naumov (JINR); M. Polyakov (Bochum); J. Ryckebusch (Ghent U.); G. Rosner (Glasgow U.); M. Sapozhnikov (JINR); A. Thomas (JLab); O. Teryaev (JINR); L. Trentadue (Parma).

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**Scientific Secretary:** Prof. Renzo Leonardi (Trento)

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