



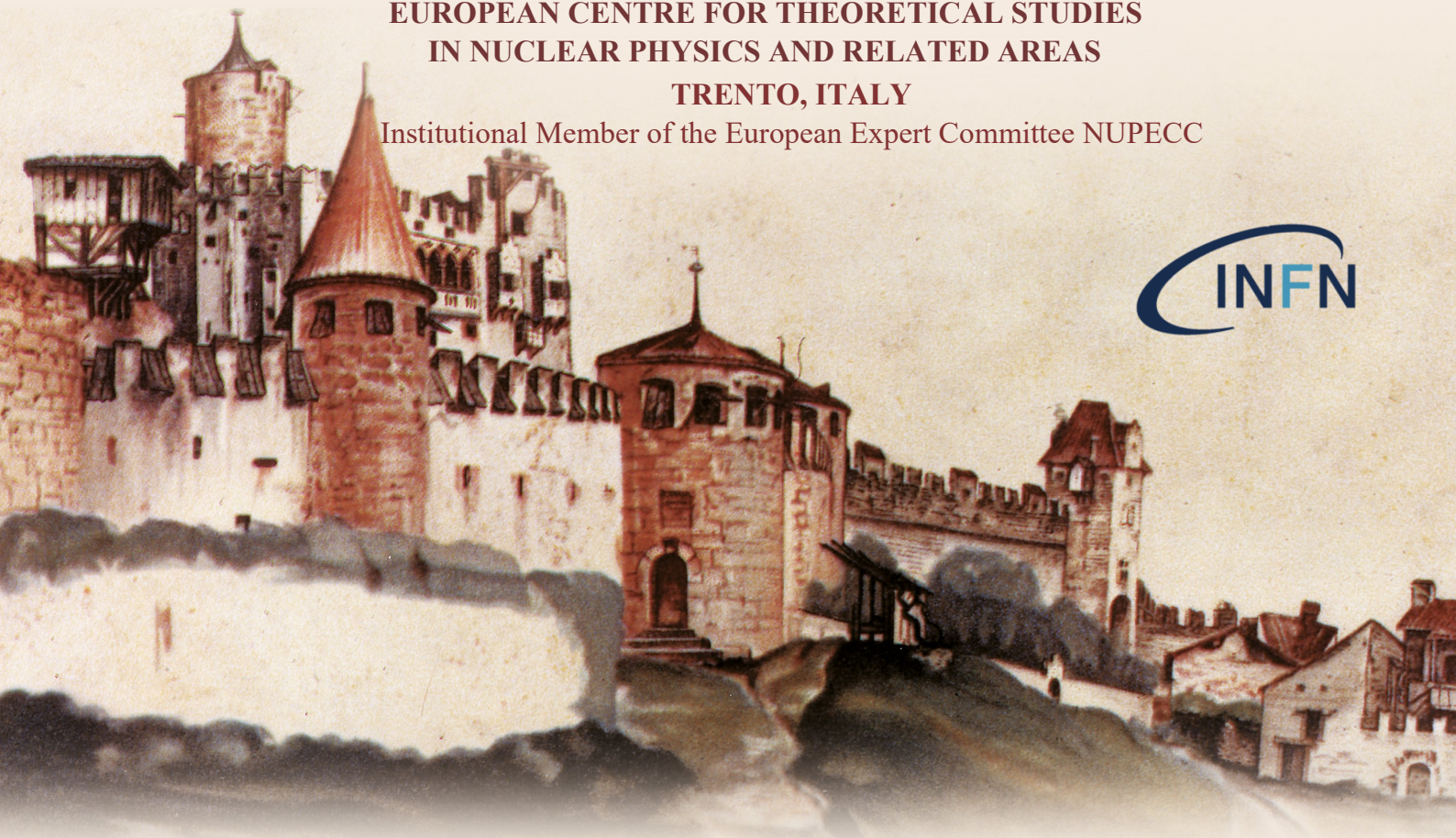
# ECT\*



EUROPEAN CENTRE FOR THEORETICAL STUDIES  
IN NUCLEAR PHYSICS AND RELATED AREAS

TRENTO, ITALY

Institutional Member of the European Expert Committee NUPECC



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

## Gauge Topology 3: from Lattice to Colliders

Trento, 28 May - 01 June, 2018

### Main Topics

- Topology in High Temperature QCD and Axion Cosmology
- Instantons and Monopoles
- Topology and Chiral Symmetry Breaking
- Topology from the Lattice
- Flux Tubes and Color Confinement
- Resurgence and Phase Transitions

### Keynote participants

Andreas Athenodorou (*Cyprus Institute*), Michele Caselle (*University of Turin*), Gerard V. Dunne (*University of Connecticut*),  
Manfried Faber (*Technische Universitaet, Wien*), Christof Gatttringer (*University of Graz*), Leonid Y. Glozman (*University of Graz*),  
Jeff Greensite (*San Francisco State University*), Ernst-Michael Ilgenfritz (*Dubna, JINR*), Maria Paola Lombardo (*Frascati National Laboratory, INFN*),  
Sayantan Sharma (*BNL, New-York*), Michael Shifman (*University of Minnesota, Minneapolis*), Jacobus Verbaarschot (*Stony Brook University*).

### Organizers

Massimo D'Elia (*INFN - University of Pisa, ITA, Chairman*)  
Edward Shuryak (*Stony Brook University, USA*)

**Director of the ECT\*:** Professor Jochen Wambach (ECT\*)

The ECT\* is sponsored by the "Fondazione Bruno Kessler" in collaboration with the "Assessorato alla Cultura" (Provincia Autonoma di Trento), 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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