



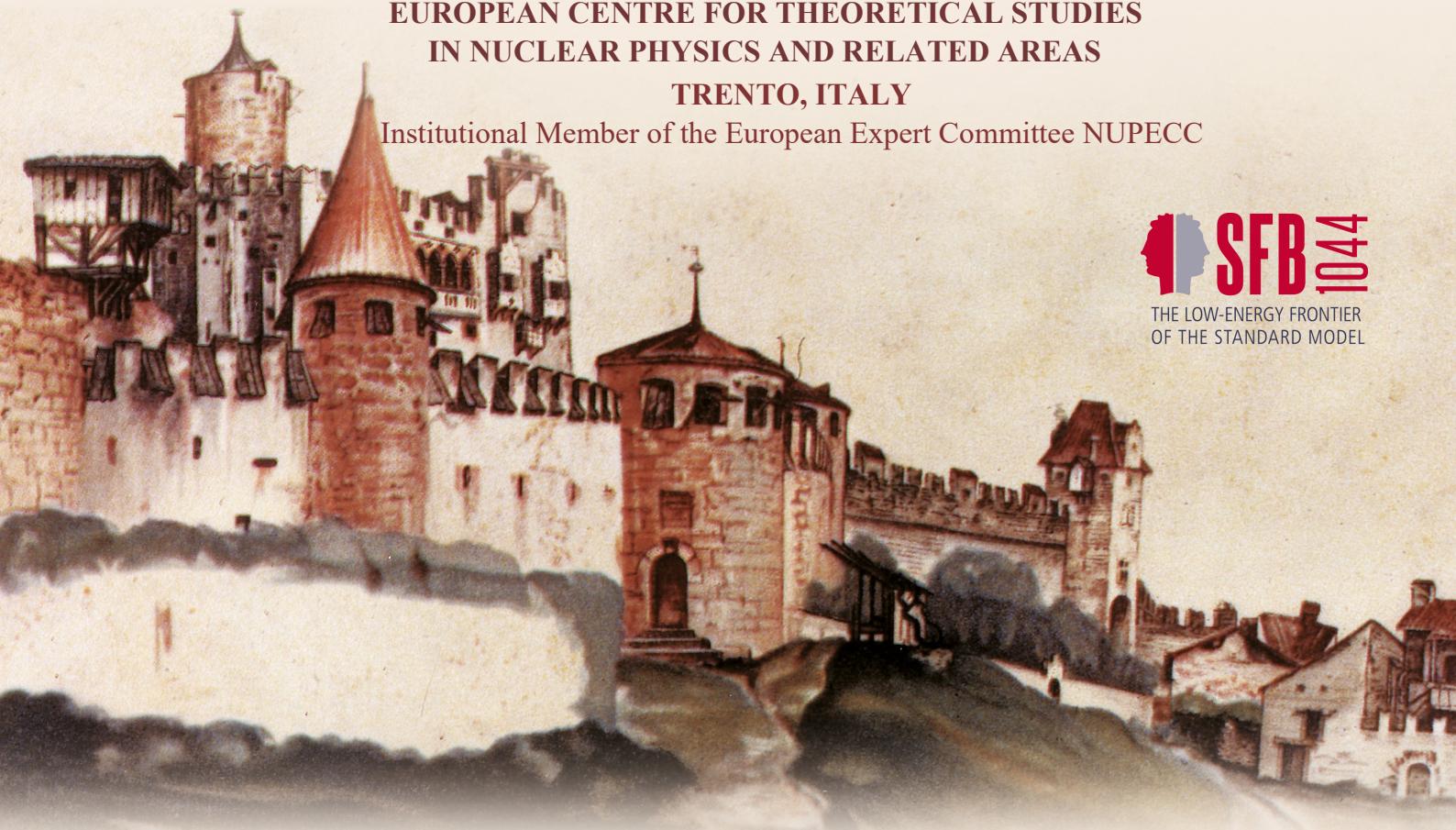
# ECT\*



EUROPEAN CENTRE FOR THEORETICAL STUDIES  
IN NUCLEAR PHYSICS AND RELATED AREAS

TRENTO, ITALY

Institutional Member of the European Expert Committee NUPECC



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

## Nucleon Spin Structure at Low Q: A Hyperfine View

Trento, July 2 - 6, 2018

### Main Topics

- New measurements of spin structure functions, polarizabilities and form factors
- Sum rules, dispersion relations and empirical parametrizations
- Chiral perturbation theory of nucleon spin polarizabilities
- Progress in lattice QCD of the nucleon spin structure
- Hyperfine structure of muonic hydrogen

### Confirmed Speakers

M.W. Ahmed (*Duke University, USA*), J. M. Alarcon (*JLab, USA*), C. Alexandrou (*University of Cyprus, Nicosia, Cyprus*),  
F. Hagelstein (*Universität Bern, Switzerland*), C. Carlson (*College of William and Mary, USA*), S. Kanda (*Riken, Japan*),  
S. Kuhn (*Old Dominion University, USA*), V. Lensky (*Universität Mainz, Germany*), P. Martel (*Universität Mainz, Germany*),  
H.W. Lin (*Michigan State University, USA*), K. Ottnad (*Universität Mainz, Germany*), E. Pace (*University of Rome Tor Vergata and INFN, Italy*),  
K. Pachucki (*University of Warsaw, Poland*), A. Pineda (*IFAE, Barcelona, Spain*), Jan Rijneveen (*University of Bochum, Germany*),  
Nora Rijneveen (*University of Bochum, Germany*), M. Ripani (*INFN Genoa, Italy*), S. Sconfietti (*INFN Pavia, Italy*),  
K. Slifer (*University of New Hampshire, USA*), N. Sparveris (*Temple University, USA*),  
L. Tiator (*Universität Mainz, Germany*), A. Vacchi (*INFN Trieste, Italy*).

### Organizers

A. Deur (*Thomas Jefferson National Accelerator Facility, USA*),  
A. Antognini (*ETH Zurich & PSI, Switzerland*), J.P. Chen (*Thomas Jefferson National Accelerator Facility, USA*)  
V. Pascalutsa (*Universität Mainz, Germany*), M. Vanderhaeghen (*Universität Mainz, Germany*).

**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.

**For local organization please contact:** Christian Fossi - ECT\* Local Organizer - Villa Tambosi - Strada delle Tabarelle 286 - 38123 Villazzano (I)

Tel.: +(39-0461) 314731 Fax: +(39-0461) 314750, E-mail: [fossi@ectstar.eu](mailto:fossi@ectstar.eu) visit <http://www.ectstar.eu>