



# ECT\*



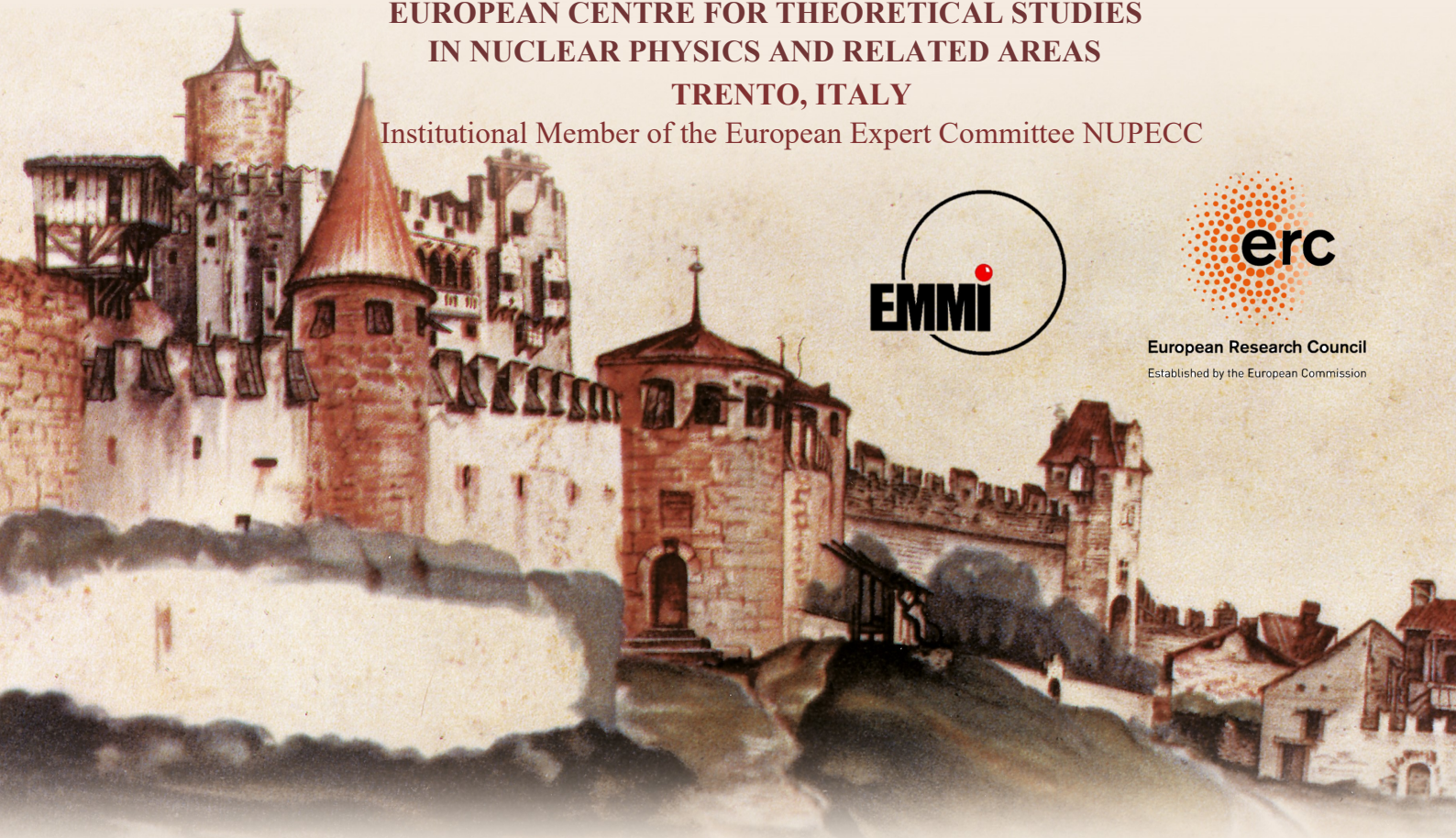
EUROPEAN CENTRE FOR THEORETICAL STUDIES  
IN NUCLEAR PHYSICS AND RELATED AREAS

TRENTO, ITALY

Institutional Member of the European Expert Committee NUPECC



European Research Council  
Established by the European Commission



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

## Probing QCD at the high energy frontier

Trento, May 21 - 25, 2018

### Main Topics

- Phenomenology of QCD at high energy/low  $x$  : BFKL and gluon saturation regimes
- Higher order calculations in QCD at low  $x$
- Correlations of produced particles
- Transverse-momentum dependent parton distributions and spin in the low- $x$  limit

### Keynote participants

Adrian Dumitru (*Baruch College, City University of New York*), Edmond Iancu (*IPhT, CEA Saclay*), Alex Kovner (*University of Connecticut*),  
Larry McLerran (*INT, University of Washington*), Agustin Sabio Vera (*IFT, Universidad Autonoma de Madrid & CSIC*),  
Anna Stasto (*Penn State University*), Dionysis Triantafyllopoulos (*ECT\*, Italy*), Pierre Van Mechelen (*Universiteit Antwerpen, Belgium*),  
Michael Winn (*LAL, Université Paris-Sud*).

### Organizers

Guillaume Beuf (*University of Jyväskylä, Finland, Chairman*)  
Tuomas Lappi (*University of Jyväskylä, Finland*)  
Cyrille Marquet (*CPhT - Ecole Polytechnique, France*)  
Nestor Armesto (*Universidade de Santiago de Compostela, Spain*)

**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>