



# ECT\*



EUROPEAN CENTRE FOR THEORETICAL  
STUDIES IN NUCLEAR PHYSICS AND RELATED AREAS

TRENTO, ITALY

Institutional Member of the European Expert Committee NUPECC

Jefferson Lab



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

## Mapping Parton Distribution Amplitudes and Functions

Trento, September 10-14, 2018

### Main topics

QCD theory and phenomenology  
Computing parton distribution amplitudes and functions  
Extracting parton distributions from data  
Hard exclusive reactions  
Deep inelastic scattering and Drell-Yan processes  
Potential of modern and proposed facilities

### Keynote participants

Daniele Binosi (*ECT\**), Vladimir Braun (*University of Regensburg*), Lei Chang (*Nankai University*), Sara Collins (*University of Regensburg*), Rolf Ent (*Jefferson Lab*), Tanja Horn (*Catholic University of America*), Giannis Koutsou (*Cyprus Institute*), Huey-wen Lin (*Michigan State University*), Sven Moch (*University of Hamburg*), Hervé Moutarde (*Irfu, Saclay*), Pavel Nadolsky (*Southern Methodist University*), Jen-Chieh Peng (*University of Illinois/Urbana-Champaign*), Paul Reimer (*Argonne National Laboratory*), David Richards (*Jefferson Lab*), Giovannni Salmè (*INFN-Rome*), Nicolas Stefanis (*Ruhr University of Bochum*), Bogdan Wojtsekhowski (*Jefferson Lab*)

### Organizers

Gunnar Bali (*University of Regensburg*) Cynthia Keppel (*Jefferson Lab*),  
Cédric Mezrag (*INFN-Rome*), Craig Roberts (*Argonne National Laboratory*)

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

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