



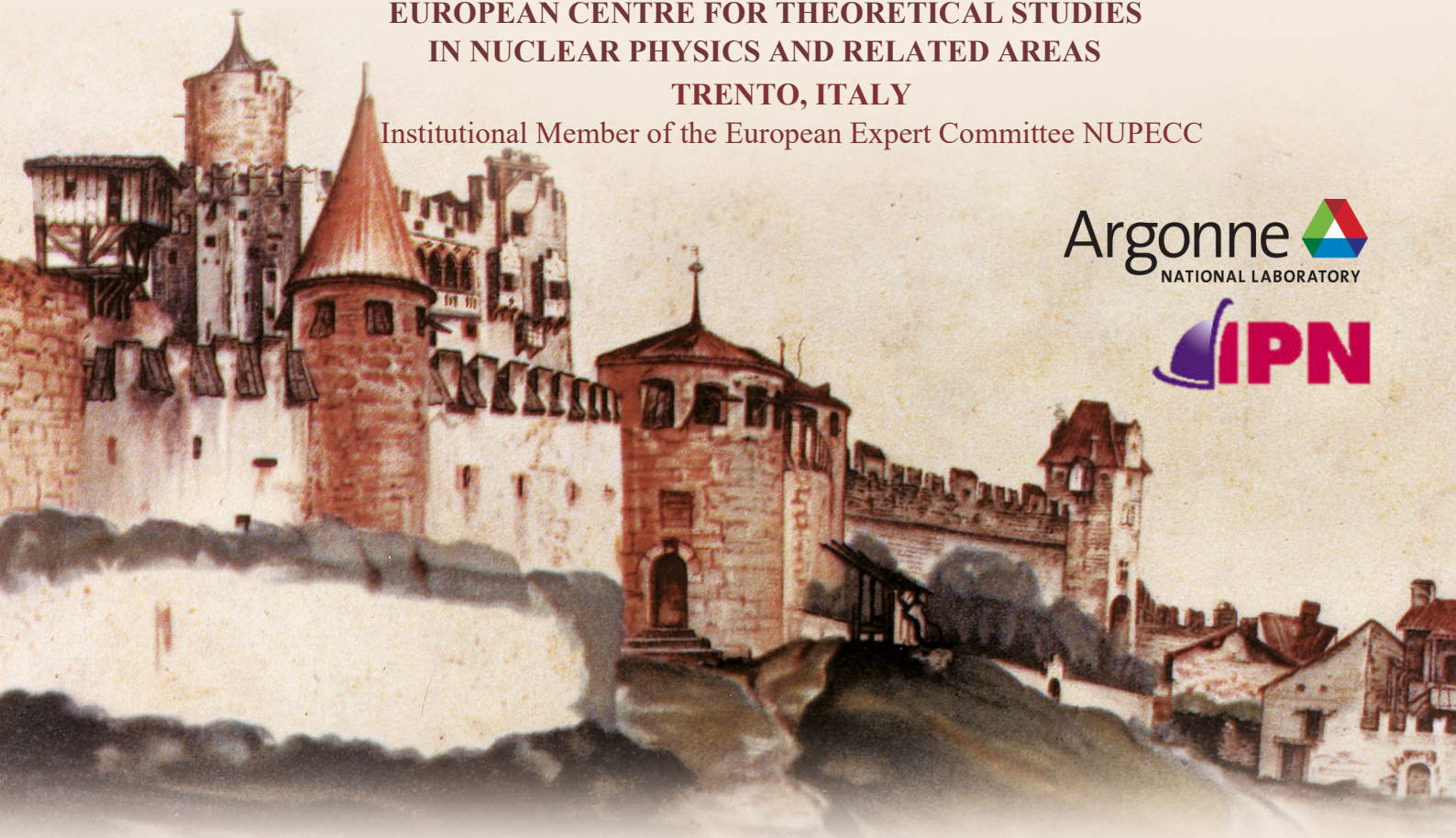
ECT*



EUROPEAN CENTRE FOR THEORETICAL STUDIES
IN NUCLEAR PHYSICS AND RELATED AREAS
TRENTO, ITALY

Institutional Member of the European Expert Committee NUPECC

Argonne 
NATIONAL LABORATORY



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

Exposing Novel Quark and Gluon Effects in Nuclei

Trento, April 16 –20, 2018

Main Topics

- Nuclear modification of protons and neutrons
- EMC effect and its spin-flavor dependence
- Coulomb sum rule
- Short range correlations
- Quark and gluon tomography of nuclei

Keynote participants

John Arrington (*Argonne National Laboratory, Illinois*), Whitney Armstrong (*Argonne National Laboratory, Illinois*), Will Brooks (*Universidad Técnica Federico Santa María, Valparaíso*), Wim Cosyn (*Ghent University, Belgium*), Will Detmold (*Massachusetts Institute of Technology*), Nadia Fomin (*University of Tennessee*), Adam Freese (*Argonne National Laboratory, Illinois*), Dave Gaskell (*Jefferson Lab, Virginia*), Kawtar Hafidi (*Argonne National Laboratory, Illinois*), Mohammad Hattaway (*Argonne National Laboratory, Illinois*), Or Hen (*Massachusetts Institute of Technology*), Thia Keppel (*Jefferson Lab, Virginia*), Simonetta Liuti (*University of Virginia*), Gerald Miller (*University of Washington*), Michael Paolone (*Temple University, Philadelphia*), Stephane Platchkov (*Commissariat à l'Énergie Atomique et aux Énergies Alternatives, France*), Jan Ryckebusch (*Ghent University, Belgium*), Misak Sargsian (*Florida International University*), Sergio Scopetta (*Università degli Studi di Perugia and INFN*), Ingo Schienbein (*Université Joseph Fourier, France*), Phiala Shanahan (*College of William & Mary, Virginia*), Anthony Thomas (*The University of Adelaide*).

Organizers

Ian Cloët (*Argonne National Laboratory, USA, Chairman*),
Seamus Riordan (*Argonne National Laboratory, USA*),
Raphaël Dupré (*Institut de Physique Nucléaire d'Orsay, France*)

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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