

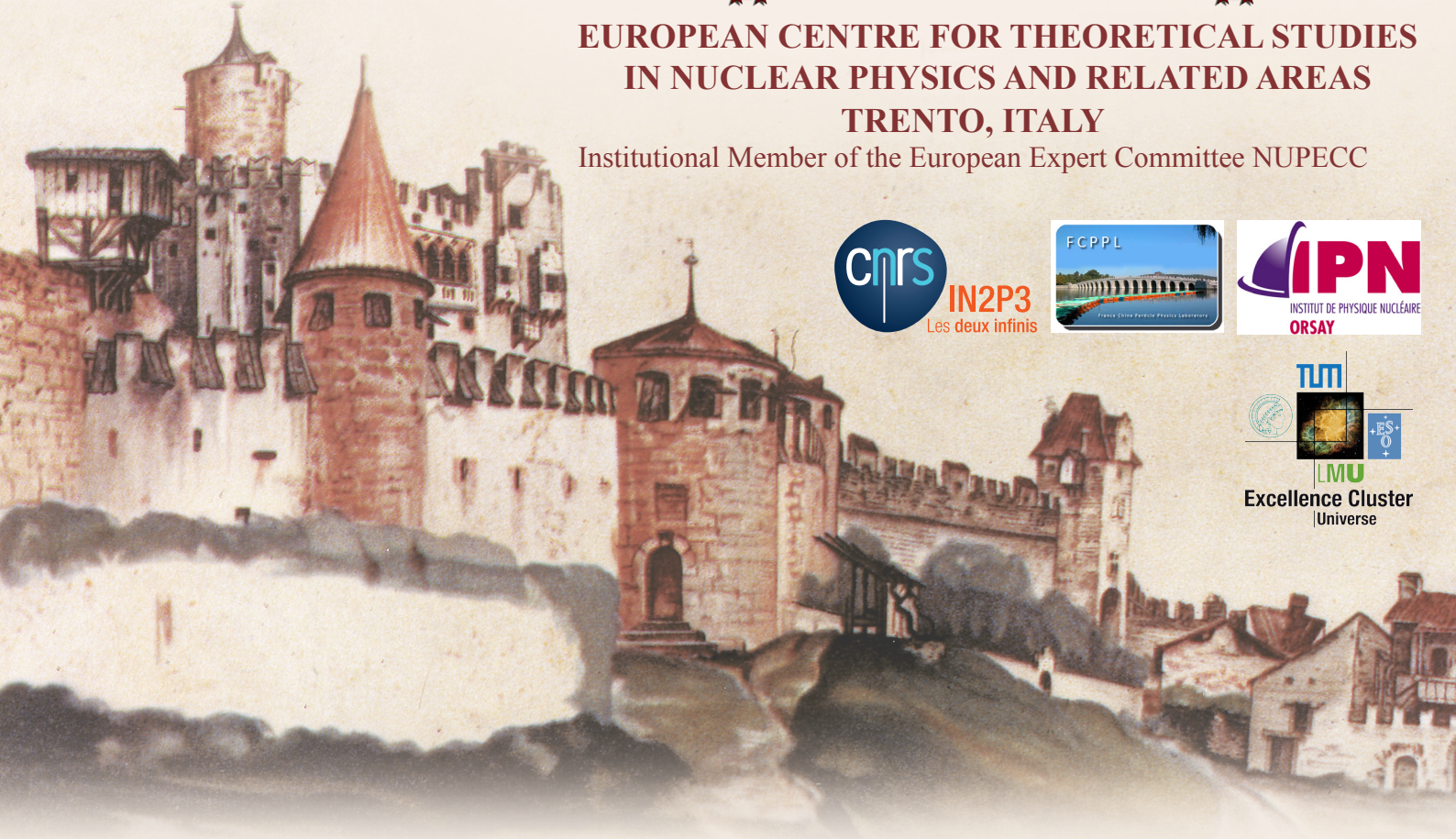


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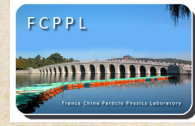


EUROPEAN CENTRE FOR THEORETICAL STUDIES IN NUCLEAR PHYSICS AND RELATED AREAS TRENTO, ITALY

Institutional Member of the European Expert Committee NUPECC



IN2P3
Les deux infinis



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

New observables in quarkonium production

Trento, 29 Feb 2016 to 04 Mar 2016

Main Topics

Quarkonium production remains one of the long standing puzzles of QCD. As such, it still deserves full attention from both experimentalists and theorists. The main topics of the workshop will be:

- Quarkonium production in pp , pA and AA collisions: where do we stand?
- Transverse Momentum Dependent factorisation in quarkonium production
- Associated quarkonium production and double-parton scatterings
- Excited-quarkonium production from pp to AA collisions
- Quarkonium-pair production: when TMDs meet Quark Gluon Plasma
- Experimental requirements for forthcoming measurements

Key Participants

M. Anselmino (Torino University and INFN), F. Arleo (Ecole polytechnique, Palaiseau), R. Araldi (INFN Torino), I. C. Arsene (University of Oslo), D. Boer (University of Groningen), R. Boussarié (LPT Orsay), M. Calderon de la Barca Sanchez (University of California Davis), I. Cherednikov (University of Antwerp), C. da Silva (Los Alamo National Lab), D. d'Enterria (CERN, Switzerland), B. Ducloué (University of Jyväskylä), P. B. Gossiaux (SUBATECH, Nantes), C. Hadjidakis (IPN Orsay), V. Kartvelishvili (Lancaster University), T. Kasemets (Nikhef/VU, Amsterdam), D. Kikola (Warsaw University of Technology), L. Kratschmer (Hephy, Vienna), Y.-Q. Ma (Peking University), L. Massacrier (LAL and IPN Orsay), Z. E. Meziani (Temple U., Philadelphia), A. Mukherjee (IIT Bombay), P. Petreczky (Brookhaven National Lab), S. Porteboeuf (LPC, Clermont-Ferrand), D. Price (University of Manchester), J.W. Qiu (Brookhaven National Lab), A. Rakotozafindrabe (CEA/IRFU, Gif-sur-Yvette), K. Redlich (University of Wroclaw and Duke University), F. Scarpa, (IPN Orsay & University of Groningen), M. Schlegel (University of Tübingen), E. Scomparin (INFN Torino), H. S. Shao (CERN), P. Taelis (University of Antwerp & CEA/IPHT, Gif-sur-Yvette), B. Trzeciak (Utrecht University), Z. Tang (University of Science and Technology of China, Hefei), A. Vairo (TUM, Munich), J. X. Wang (IHEP, Peking), K. Watanabe (Central China Normal University, Wuhan), M. A. Winn (Heidelberg University), H. F. Zhang (Chongqing University of Posts and Telecommunications), P. F. Zhuang (Tsinghua University, Peking).

Organisers

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