



# ECT\*



EUROPEAN CENTRE FOR THEORETICAL  
STUDIES IN NUCLEAR PHYSICS AND RELATED AREAS

TRENTO, ITALY

Institutional Member of the European Expert Committee NUPECC



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

## Diquark Correlations in Hadron Physics: Origin, Impact and Evidence

Trento, September 23-27, 2019

### Main Topics

Emergence of Mass in the Standard Model  
Diquark Correlations in Baryons  
Theoretical Approaches to Strong QCD  
Phenomenology for Hadron Structure  
Exposing Diquarks in Hadron Structure Measurements

### Confirmed Speakers

Mikhail Barabanov (*JINR*), Marco Antonio Bedolla (*Mesoamerican Center for Theoretical Physics*), William Brooks (*Universidad Técnica Federico Santa María*), Gordon Cates (*University of Virginia*), Lei Chang (*Nankai University*), Chen Chen (*Justus-Liebig-Universität Gießen*), Ying Chen (*Institute of High Energy Physics, Chinese Academy of Sciences*), Evaristo Cisbani (*Italian National Institute of Health*), Philip Cole (*Lamar University*), Minghui Ding (*ECT\**), Gernot Eichmann (*Instituto Superior Tecnico Lisboa*), Rolf Ent (*Jefferson Lab*), Ralf Gothe (*University of South Carolina*), Tanja Horn (*Catholic University of America*), Simonetta Liuti (*University of Virginia*), Cédric Mezrag (*INFN sezione di Roma*), Alessandro Pilloni (*ECT\**), Andrew Puckett (*University of Connecticut*), Patrizia Rossi (*Jefferson Lab/LNF-INFN*), Giovanni Salmé (*INFN sezione di Roma*), Sergey Syritsyn (*Stony Brook University*), Makoto Takizawa (*Showa Pharmaceutical University*), Egle Tomasi-Gustafsson (*Commissariat à l'Energie Atomique*), Philipp Wein (*Universität Regensburg*)

### Organizers

Jacopo Ferretti (*Yale University*), Craig Roberts (*Nanjing University*) Elena Santopinto (*INFN-GE*), Jorge Segovia (*Pablo de Olavide University, Seville*), Bogdan Wojtsekhowski (*Jefferson Lab*)

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

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