



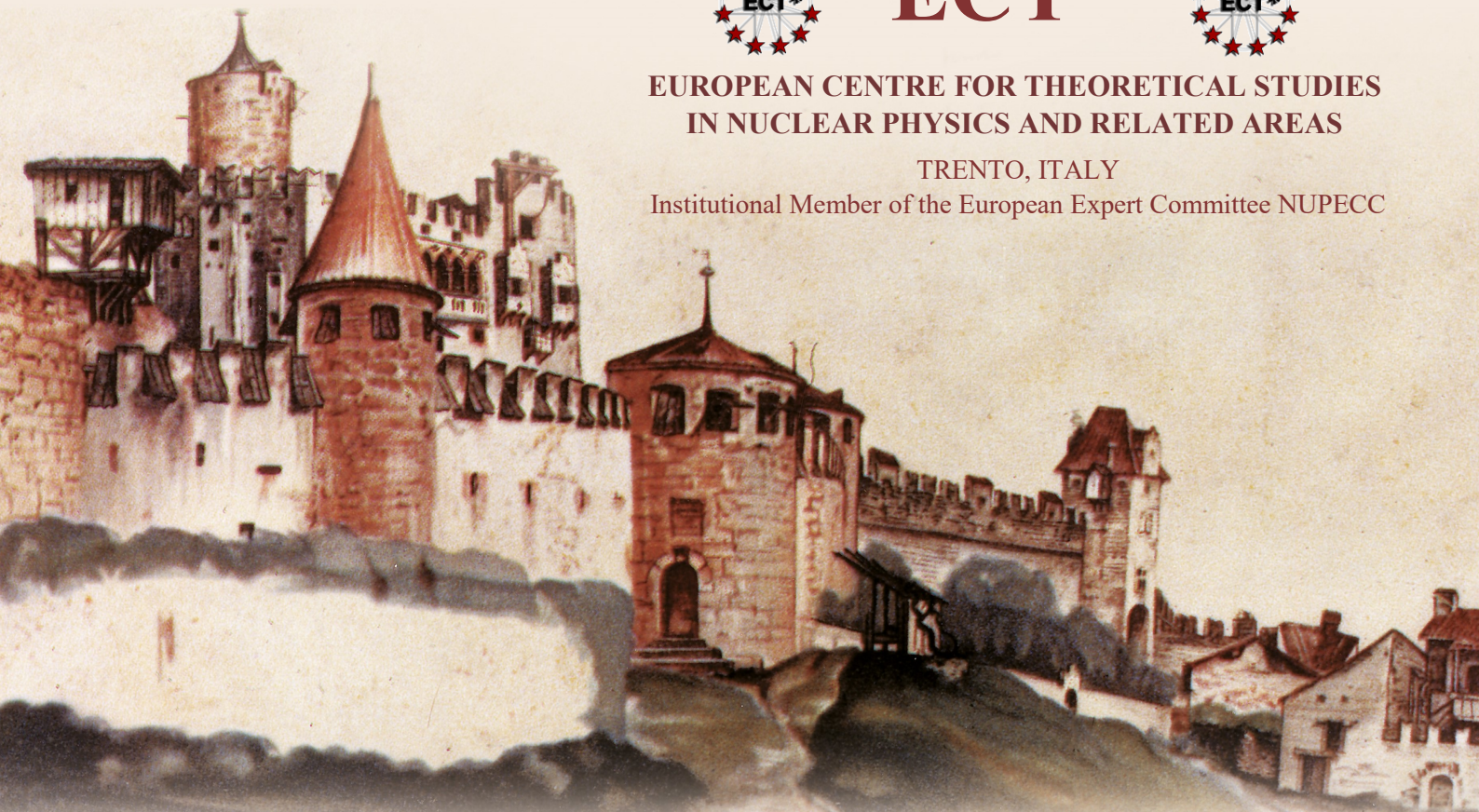
# ECT\*



## EUROPEAN CENTRE FOR THEORETICAL STUDIES IN NUCLEAR PHYSICS AND RELATED AREAS

TRENTO, ITALY

Institutional Member of the European Expert Committee NUPECC



The Castle at Trento, painted by A. Dürer on his way back from Venice (1495, watercolor 19.8 x 27.7). British Museum, London

## Universal Physics in Many-Body Quantum Systems—From Atoms to Quarks

Trento, October 7-11, 2019

### Main topics

Hadron resonances with quark correlations  
Exotic nuclei with alpha and di-nucleon correlations  
Cold atoms with dimer and trimer correlations  
Quantum many-body systems

### Keynote speakers

Mario Gattobigio, (*Institut de Physique de Nice*), Manuel Pavon Valderrama (*Beihang University*), Tetsuo Hyodo (*Tokyo Metropolitan University*), Noriyoshi Ishii (*RCNP, Osaka University*), Yoshiko Kanada-En'yo (*Kyoto University*), Takayuki Myo (*Osaka Institute of Technology*), Pascal Naidon (*RIKEN*), Yusuke Nishida (*Tokyo Institute of Technology*), Lucas Platter (*University of Tennessee, Knoxville*), Elisabetta Prencipe (*Forschungszentrum Juelich - IKP1*), Christiane Schmikler (*RIKEN*), Laura Tolos (*University of Frankfurt & ICE, Barcelona*), Yutaka Utsuno (*JAEA*)

### Organizers

Philipp Gubler (*JAEA*), Hans-Werner Hammer (*TU Darmstadt*), Emiko Hiyama (*Kyushu/RIKEN*), Atsushi Hosaka (*Osaka University*), Sebastian Koenig (*TU Darmstadt*), Makoto Oka (*JAEA*)

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

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:** Barbara Gazzoli - ECT\* Secretariat - Villa Tambosi - Strada delle Tabarelle 286 - 38123 Villazzano (Trento) - Italy  
Tel.:(+39-0461) 314013, E-mail: [staff@ectstar.eu](mailto:staff@ectstar.eu) or visit <http://www.ectstar.eu>



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 824093