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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



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

British Museum, London

2017 PROGRAMME OF ACTIVITIES

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| <p>6-10 February</p> <p>27 February-3 March</p> <p>20-24 March</p> <p>3-7 April</p> <p>10-14 April</p> <p>8-12 May</p> <p>22-26 May</p> <p>5-9 June</p> <p>12-16 June</p> <p>12-30 June</p> <p>28-30 June</p> <p>3-21 July</p> | <p>Unraveling the Complexity of Nuclear Systems: Single-Particle and Collective Aspects Through the Looking Glass
Organisers: D. Lacroix (<i>IPN Orsay</i>), P. Capel (<i>University of Bruxelles</i>), G. Colò (<i>University of Milano</i>), M. Colonna (<i>LNS-Catania</i>), M. Grasso (<i>IPN Orsay</i>), A. Moro (<i>University of Sevilla</i>)</p> <p>QCD Challenges in pp, pA and AA Collisions at High Energies
Organisers: R. Schicker (<i>University of Heidelberg</i>), G. Contreras Nuno (<i>Czech Technical University</i>), V. Goncalves (<i>Universidade Federal de Pelotas</i>), A. Szczurek (<i>Institute of Nuclear Physics Krakow</i>)</p> <p>Superfluidity and Pairing Phenomena: From Cold Atomic Gases to Neutron Stars
Organisers: A. Sedrakian (<i>University of Frankfurt</i>), J. W. Clark (<i>Washington University St. Louis</i>), E. Krotschek (<i>University at Buffalo SUNY</i>)</p> <p>The Proton Mass: At the Heart of Most Visible Matter
Organisers: Z.-E. Meziani (<i>Temple University</i>), B. Pasquini (<i>University of Pavia</i>), J. Qiu (<i>Brookhaven National Laboratory</i>), M. Vanderhaeghen (<i>University of Mainz</i>)</p> <p>Walk on the Neutron-Rich Side
Organisers: S. Gandolfi (<i>Los Alamos National Laboratory</i>), V. Somà (<i>CEA Saclay</i>)</p> <p>Space-Like and Time-Like Electromagnetic Baryonic Transitions
Organisers: B. Ramstein (<i>IPN Orsay</i>), P. Cole (<i>Idaho State University</i>), A. Sarantsev (<i>University of Bonn and Gatchina</i>)</p> <p>Landau Fermi-Liquid Theory in Nuclear and Many-Body Systems
Organisers: A. Rios-Huguet (<i>University of Surrey</i>), D. Davesne (<i>University/IPN Lyon</i>), A. Pastore (<i>University of York</i>)</p> <p>Bridging Nuclear and Gravitational Physics: the Dense Matter Equation of State
Organisers: A. Carbone (<i>TU Darmstadt</i>), A. Bauswein (<i>Heidelberger Institut für Theoretische Studien</i>), J.M. Lattimer (<i>Stony Brook University</i>), J.A. Clark (<i>Georgia Institute of Technology</i>)</p> <p>Nuclear Astrophysics in the Gravitational-Wave Astronomy Era
Organisers: F. Pannarale (<i>Cardiff University</i>), B. Giacomazzo (<i>Università di Trento and INFN-TIFPA</i>), O. Benhar (<i>INFN/Università "La Sapienza", Rome</i>)</p> <p>Doctoral Training Programme: Microscopic Theories of Nuclear Structure, Dynamics and Electroweak Currents
Organiser: O. Benhar (<i>INFN/Università "La Sapienza", Rome</i>)</p> <p>Simulating QCD on Lefschetz Thimbles
Organisers: C. Schmidt (<i>University of Bielefeld</i>), A. Alexandru (<i>George Washington University</i>), P. Bedaque (<i>University of Maryland</i>)</p> <p>TALENT School: Nuclear Theory for Nuclear Structure Experiments
Organisers: A. Brown (<i>Michigan State University</i>), M. Hjorth-Jensen (<i>Michigan State University</i>), A. Gade (<i>Michigan State University</i>), R. Grzywac (<i>University of Tennessee and Oak Ridge National Laboratory</i>), G. Jansen (<i>Oak Ridge National Laboratory</i>)</p> | <p>10-14 July</p> <p>17-28 July</p> <p>21-25 August</p> <p>11-15 September</p> <p>25-29 September</p> <p>9-13 October</p> <p>23-27 October</p> <p>6-10 November</p> <p>20-24 November</p> <p>27 November-1 December</p> | <p>Open Quantum Systems: From Atomic Nuclei to Ultracold Atoms and Quantum Optics
Organisers: H.W. Hammer (<i>TU Darmstadt</i>), M. Efremov (<i>University of Ulm</i>), C. Forsén (<i>Chalmers University of Technology</i>), M. Gattobigio (<i>Université de Nice-Sophia Antipolis, INLN, CNRS</i>)</p> <p>The Charm and Beauty of Strong Interactions
Organisers: B. El-Bennich (<i>Universidade Cruzeiro do Sul</i>), L. Tolos (<i>ICE, CSIC-IEEC</i>), M. Oka (<i>Tokyo Tech and ASRC, JAEA</i>), J. Nieves (<i>Instituto de Fisica Corpuscular IFIC, CSIC and University of Valencia</i>), A. Bashir (<i>Universidad Michoacana de San Nicolas Hidalgo</i>), K. Brinkman (<i>Justus-Liebig-Universität Giessen</i>), U. Wiedner (<i>Ruhr-Universität Bochum</i>)</p> <p>Functional Methods in Hadron and Nuclear Physics
Organisers: B.J. Schäfer (<i>Justus-Liebig-Universität Giessen</i>), J.M. Pawłowski (<i>University of Heidelberg</i>), D. Rischke (<i>Johann Wolfgang Goethe-Universität Frankfurt</i>)</p> <p>LFC17: Old and New Strong Interactions from LHC to Future Colliders
Organisers: G. Corcella (<i>INFN, Laboratori Nazionali di Frascati</i>), S. De Curtis (<i>INFN Firenze</i>), S. Moretti (<i>University of Southampton</i>), G. Pancheri (<i>INFN, Laboratori Nazionali di Frascati</i>), R. Tenchini (<i>INFN Pisa</i>), M. Vos (<i>Universidad de Valencia</i>)</p> <p>Prospects on the Microscopic Description of Odd-Mass Nuclei and other Multi-Quasiparticle Excitations with Beyond-Mean-Field and Related Methods
Organisers: L. Robledo (<i>Universidad Autonoma de Madrid</i>), M. Bender (<i>Institut de Physique Nucléaire de Lyon</i>), T.R. Rodriguez (<i>Universidad Autonoma de Madrid</i>)</p> <p>New Perspectives on Neutron Star Interiors
Organisers: G. G. Barnaföldi (<i>Wigner Research Centre for Physics, Budapest</i>), G. Baym (<i>University of Illinois at Urbana-Champaign</i>), L. Tolos (<i>ICE, CSIC-IEEC</i>)</p> <p>ASTRA: Advances and Open Problems in Low-Energy Nuclear and Hadronic STRAnge Physics
Organisers: C. O. Curceanu (<i>LNF-INFN</i>), E. Hiyama (<i>RIKEN</i>), J. Marton (<i>SMI-Vienna</i>), J. Pochodzalla (<i>University of Mainz</i>), I. Vidaña (<i>University of Coimbra</i>)</p> <p>Dilepton Productions with Meson and Antiproton Beams
Organisers: J.C. Peng (<i>University of Illinois at Urbana-Champaign</i>), W. C. Chang (<i>Academia Sinica, Taipei</i>), S. Platchkov (<i>IRFU, CEA Saclay</i>), O. Teryaev (<i>Bogoliubov Laboratory of Theoretical Physics</i>)</p> <p>Axions at the Crossroads: QCD, Dark Matter, Astrophysics
Organisers: A. Mirizzi (<i>University of Bari</i>), M.P. Lombardo (<i>INFN Laboratori Nazionali di Frascati</i>)</p> <p>Phase Diagram of Strongly-Interacting Matter: From Lattice QCD to Heavy-Ion Collision Experiments
Organisers: A. Bazavov (<i>Michigan State University</i>), M. D'Elia (<i>University of Pisa</i>), M. Nahrgang (<i>Subatech and École des Mines Nantes</i>)</p> |
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The deadline for workshop proposals is June 1st, 2017



Director of the ECT*: Prof. Jochen Wambach (Trento and TU Darmstadt)

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, INFN-TIFPA, and has the support of the Department of Physics of the University of Trento.

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