



ECT*



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,

Recent advances and challenges in the description of nuclear reactions at the limit of stability

Trento, March 5-9, 2018

Main topics

Elastic scattering
transfer reactions
elastic and non-elastic breakup
charge-exchange reactions (including double-charge exchange)
knock-out and quasi-free (p,pN) reactions
interface between nuclear structure and reaction models

Keynote participants

Sonia Bacca (Johannes Gutenberg-Universität Mainz), Manuela Cavallaro (LNS INFN-Catania), Arnoldas Deltuva (Vilnius University), Guillaume Hupin (CEA DAM), Mahir Hussein (University of São Paulo), Andrea Idini (Lund University), Kate Jones (University of Tennessee), Rituparna Kanungo (TRIUMF & St Mary's University), Jenny Lee (Hong Kong University), Takashi Nakamura (Tokyo Institute of Technology), Filomena Nunes (MSU), Alexandre Obertelli (TU Darmstadt), Kazuyuki Ogata (RCNP University of Osaka), Gregory Potel (MSU), Karsten Riisager (Aarhus University), Manuela Rodríguez-Gallardo (University of Sevilla), Haik Simon (GSI), Andrea Vitturi (University of Padova)

Organizers

Pierre Capel (*Univ. Bruxelles*), Jesús Casal (ECT*), José Antonio Lay (*Univ. Sevilla*), Antonio Moro (*Univ. Sevilla*)

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

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