

SYMPOSIUM IN OCCASION OF THE 30TH ANNIVERSARY OF ECT*

OCTOBER 4TH, 2023

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PROGRAMME



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|---------------|---|
| 9.00 - 10:00 | Welcome and introduction by invited guests |
| 10:00 - 10:45 | Computing the Heart of Matter
Sonia Bacca (University of Mainz) |
| 10:45 - 11:15 | Coffee break |
| 11:15 - 12:00 | Ab-initio Nuclear Physics in Trento
Francesco Pederiva (University of Trento) |
| 12:00 - 14:00 | Lunch at Villa Tambosi |
| 14:00 - 14:45 | Color Glass Condensate in Collider Physics
Dionysios Triantafyllopoulos (ECT*) |
| 14:45 - 15:30 | Cosmic Laboratories for Nuclear Physics
Almudena Arcones (TU Darmstadt) |
| 15:30 - 16:00 | Coffee break |
| 16:00 - 16:45 | Cosmic Thirty Years of Education and Research on Nuclear Many-Body Physics at the ECT*; from traditional methods to quantum computing and machine learning
Morten Hjorth-Jensen (Michigan State University, USA and University of Oslo, Norway) |
| 16:45 - 17:30 | Quantum Fractals
Ubirajara Van Kolck (IJCLab Orsay & University of Arizona) |
| 18:00 | Dinner at Villa Tambosi |