Welcome to ECT*

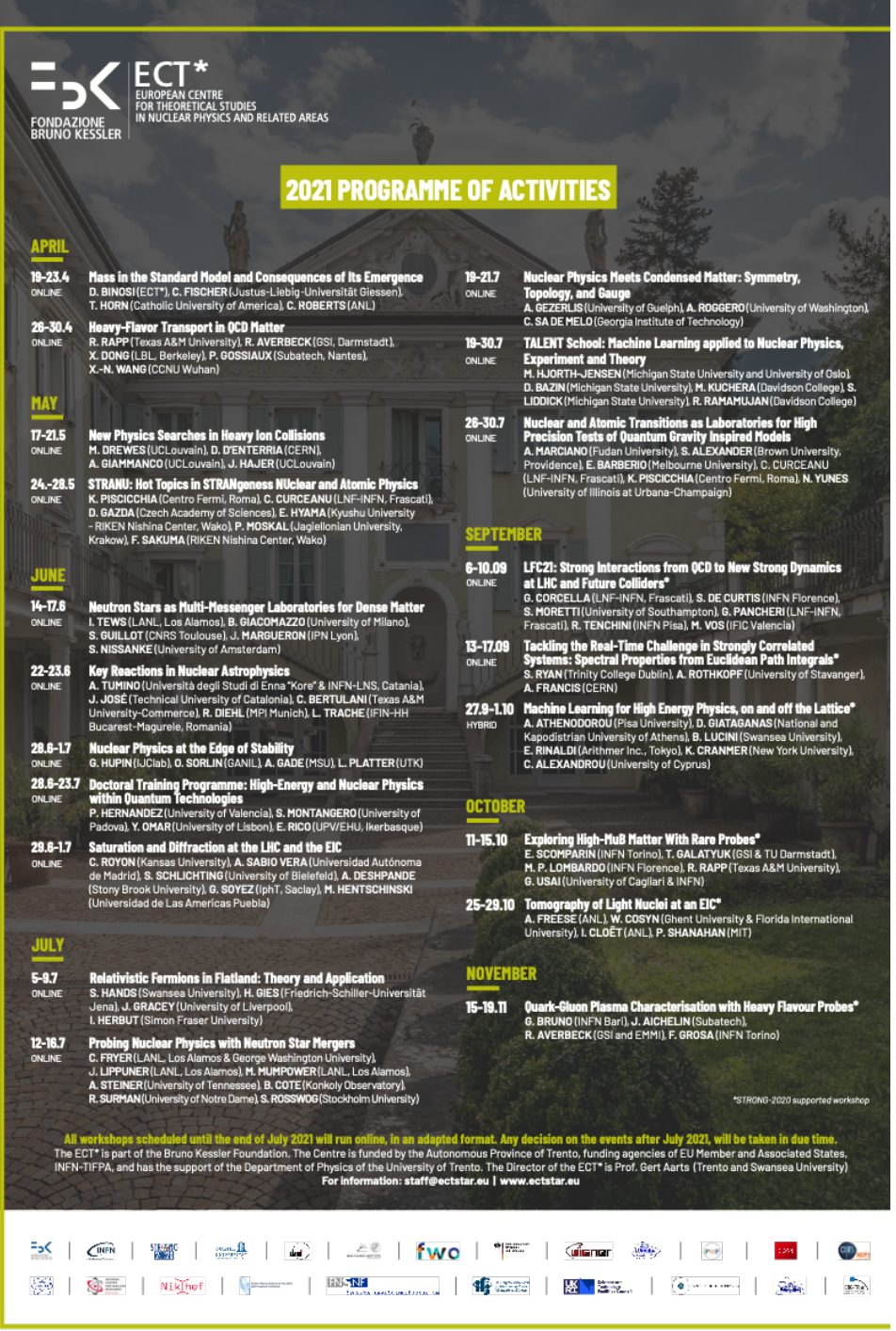
Gert Aarts

ECT* Director

ECT* mission

- ✓ to be a Centre at the frontline of research in theoretical nuclear physics
- ✓ to promote active contacts between theory and experiments, and to related areas of research
- ✓ to further the training of young researchers

- established in 1993
- Institutional member of ESF-Expert Committee NuPECC (Nuclear Physics European Collaboration Committee)
- community-driven, bottom-up approach



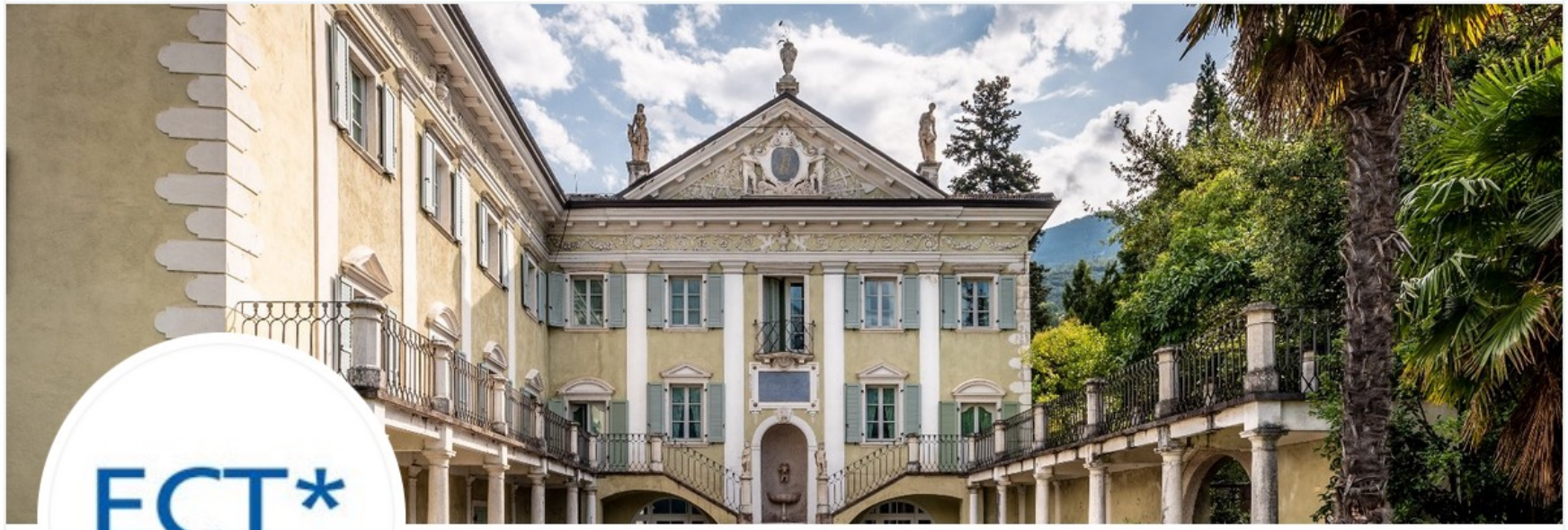
2021 Activities

all activities online until end of September, currently developing hybrid meetings

training programme:

- TALENT School: Machine Learning applied to Nuclear Physics, Experiment and Theory
- Doctoral Training Program (DTP): High-Energy and Nuclear Physics within Quantum Technologies

visitor program (to resume)



Following

ECT*_Trento

@EctTrento Follows you

European Centre for Theoretical Studies in Nuclear Physics and Related Areas - #ectstar #Trento @FBK_research

Trento, Italy ectstar.eu Joined April 2021

176 Following **154** Followers

ECT* and related areas

astrophysics, cosmology, particle physics, quantum field theory, condensed matter physics, many-body theory, computational physics, ultra-cold atomic gases, quantum technology, quantum computing, ...

- global activities in quantum technology, machine learning
- relation to NP: quantum many-body problem, strongly coupled systems, data generation and analysis, …
- opportunities for theoretical NP community

ECT* Scientific Board

membership suggested
by ECT* associates
3-year term

Marcella Grasso, Board Chair | CNRS-INP Orsay (F)

Constantia Alexandrou | The Cyprus Institute (CY)

Carlo Barbieri | University of Milan (I)

Anna Corsi | IRFU/DPhN (F)

David Kaplan | University of Washington (USA)

Morten Hjorth-Jensen | Michigan State University (USA) & University of Oslo (NO)

Marek Lewitowicz | NuPECC/GANIL (F)

Marc Vanderhaeghen | Universität Mainz (D)

Urs Wiedemann | CERN-TH (CH)

Ex officio: Sandro Stringari | University of Trento (I)

Ex officio: Victor Braguta | JINR (RU)

Funding

- Fondazione Bruno Kessler (FBK) support
- institutional support from national funding agencies
- EU/Horizon2020 funding: ECT* is recognised as a transnational access facility by NuPECC, similar to experimental labs
- individual projects, e.g. Marie Curie

Funding

Funding agencies and supporting institutions:

Local support (Fondazione Bruno Kessler):

Funding through the European Union

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Additional contributors (Germany):

- your workshop is supported by STRONG-2020
- please acknowledge this in any publications that are initiated, developed or completed during this meeting:

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your workshop is supported by EMMI

- please acknowledge this in any publications that are initiated, developed or completed during this meeting:

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Enjoy the meeting!