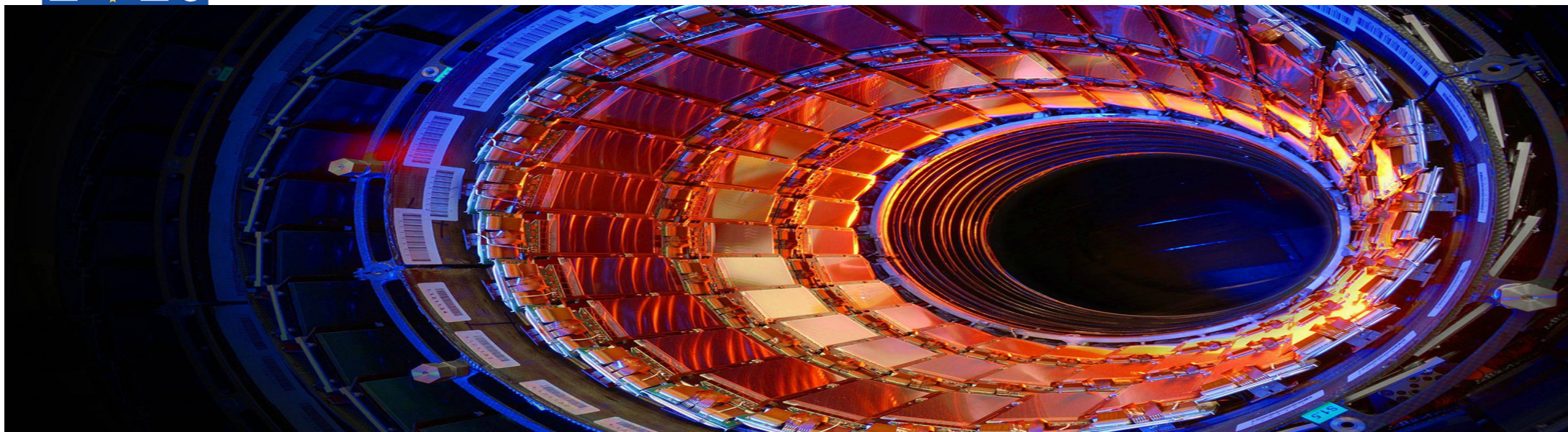




TA6 –ECT* WP8 Transnational Access to ECT*

Jochen Wambach
ECT* Trento



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

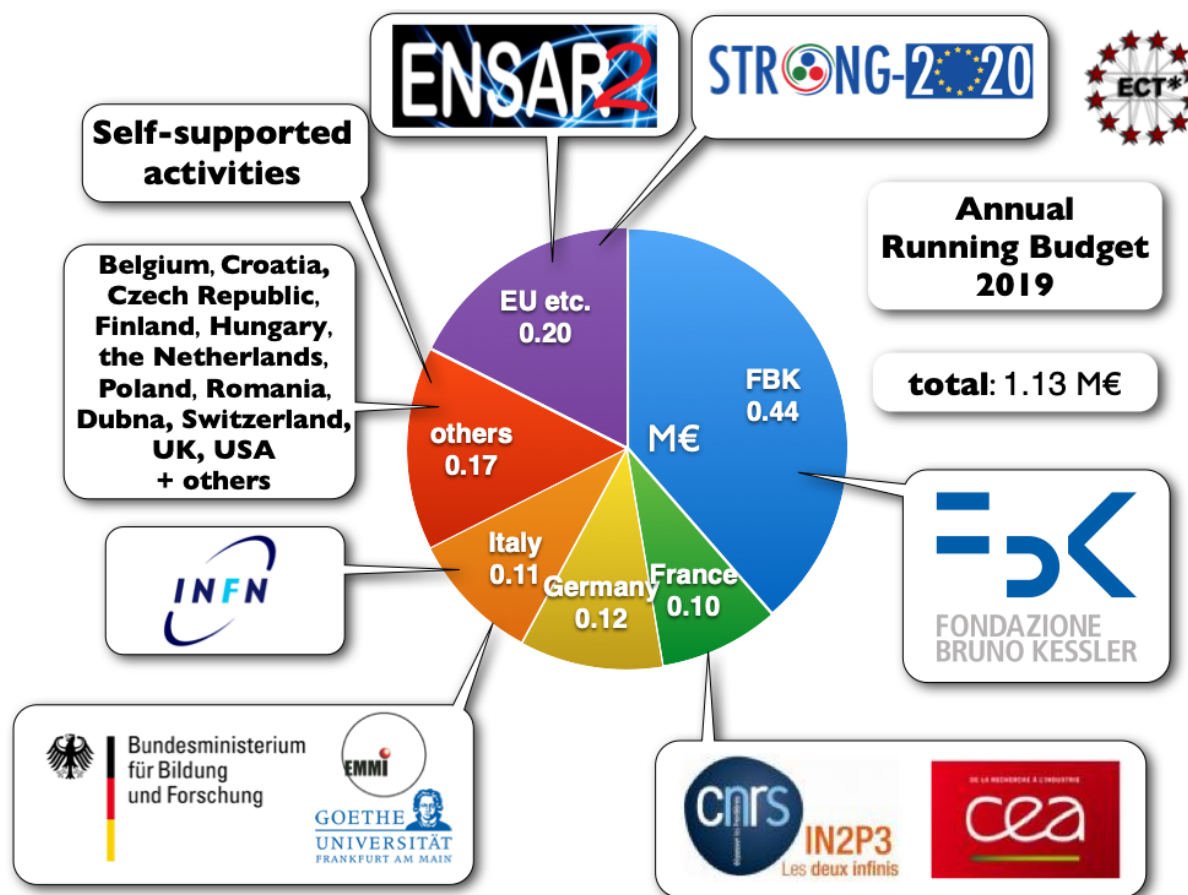
ECT* at a glance

Established in 1993..
... unique in **Europe**

- „Bottom-up“ realization by a large community
- International **Scientific Board**
- Large influx of international visitors (around 700 per year)
- Strong local support by the Autonomous Province of Trentino through the **FBK**
- Multinational MoU's with funding agencies of European countries + **EU** projects (ENSAR2, STRONG-2020)



Funding



Local research environment

Center of frontline research
in theoretical nuclear physics

from QCD to hadrons,
nuclei and strongly
interacting matter
under extreme conditions

+

9 researchers + director
2 senior researchers
4 junior postdocs
2 ECT*/TIFPA postdocs

ECT* - **LISC** 
Laboratorio Interdisciplinare di Scienza Computazionale



Nature of access and selection process

- Projects carried out by ECT* are dedicated **workshops** and **collaboration meetings**
- Project **proposals** are submitted online through the ECT* web interface
- The **selection** of eligible proposals is decided by the ECT* **Scientific board**

User selection panel

Gert Aarts (chair)	Univ. Swansea
Carlo Barbieri	Univ. Surrey
Marcella Grasso	CNRS - INP Orsay
Anna Corsi	CEA, Saclay
Morten Hjorth-Jensen	Univ. Oslo & Michigan State Univ.
Marek Lewitowicz (NuPECC)	GANIL, Caen
Urs Wiedemann	CERN
Martin Savage	INT & Univ. Washington, Seattle
Marc Vanderhaeghen	Univ. Mainz
Sandro Stringari	Univ. Trento



Nature of access and selection process

- Projects carried out by ECT* are dedicated **workshops** and **collaboration meetings**
- Project **proposals** are submitted online through the ECT* web interface
- The **selection** of eligible proposals is decided by the ECT* **Scientific board**
- Selection **criteria**:
 - Scientific excellence
 - Timely and forefront topics
 - Balance between theory and experiment
 - Project leader
 - Balance between nationalities and junior/senior participants



STRONG-2020 support 2019

Altogether **21 workshops** and **3 collaboration meetings** were run in 2019.
Six of those were supported by STRONG-2020

User-project acronym	Date	Venue	Number of users	Overall number of attendees
ROEPKE	2-6 Sept., 2019	Trento	15	48
CORCELLA	9-13 Sept., 2019	Trento	9	47
SEGOVIA	23-27 Sept., 2019	Trento	7	26
OKA	7-11 Oct., 2019	Trento	10	26
CURCEANU	21-25 Oct., 2019	Trento	10	40
PILLONI	18-20 Dec., 2019	Trento	5	17



STRONG-2020 support 2020

- altogether **19 workshops** were planned for 2020
- only the first one could run due to the COVID-19 pandemic
- **2** workshops will run remotely and **16 are deferred** to 2021
- **11** deferred workshops are earmarked for STRONG-2020 support



STRONG-2020 support 2020

Title of the Project	Dates 2020
Heavy-flavor transport in QCD matter	24 – 29 February
Relativistic Fermions in Flatland: theory and application	8 – 12 June
Tomography of light nuclei at an EIC	15 – 19 June
Diffraction and electromagnetic processes at high energies	29 June – 3 July
Saturation and Diffraction at the LHC and the EIC	6 – 10 July
STRANU: hot topics in STRANgeness Nuclear and atomic physics	20- 24 July
Theoretical and Experimental Challenges for Flavor Hadrons, Quarkonia and Multiquarks	7 – 11 September
Machine Learning for High Energy Physics, on and off the Lattice	21 – 25 September
Exploring high- μ B matter with rare probes	28 September – 2 October
LFC20: Strong interactions from QCD to new strong dynamics at LHC and Future Colliders	12 – 17 October
New Physics Searches in Heavy Ion Collisions	16 – 20 November



STRONG-2020 support 2020

- altogether **19 workshops** were planned for 2020
- only the first one could run due to the COVID-19 pandemic
- **2** workshops will run remotely and **16 are deferred** to 2021
- **11** deferred workshops are earmarked for STRONG-2020 support
- **2 more workshops, planned originally for 2021 will also receive support**



Thank you!

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Plan :

- 1 Work performed from the beginning of the project to the end of the period covered by the report and main results achieved so far

- 2 List of the Deliverables and Milestones achieved

- 3 Progress beyond the state of the art, expected results until the end of the project and potential impact