



Update on the (CH participation to the) ECT*

CHPP Board 2024-01

Gilberto Colangelo

Zoom-CH, 25.3.2024

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)
- o community-driven, bottom-up approach



News 2023

D Universitäi Bern

ECT* celebrated its 30th anniversary in 2023

 In 2023 it underwent a full review by an external committee with very positive outcome (available upon request)

Sonia Bacca (Mainz), Barbara Erazmus (Nantes), Richard Hall-Wilton (FBK), Maria Paola Lombardo (INFN) Piotr Magierski (Warsaw), Ulf-G. Meißner (Bonn), Sanjay Reddy (Seattle)

- The interim Director, Gert Aarts, ended his mandate and a new one has been nominated Ubirajara van Kolck (Orsay)
- Most MoUs have to be renewed, ours too
- I have been asked to join the scientific board starting 2024



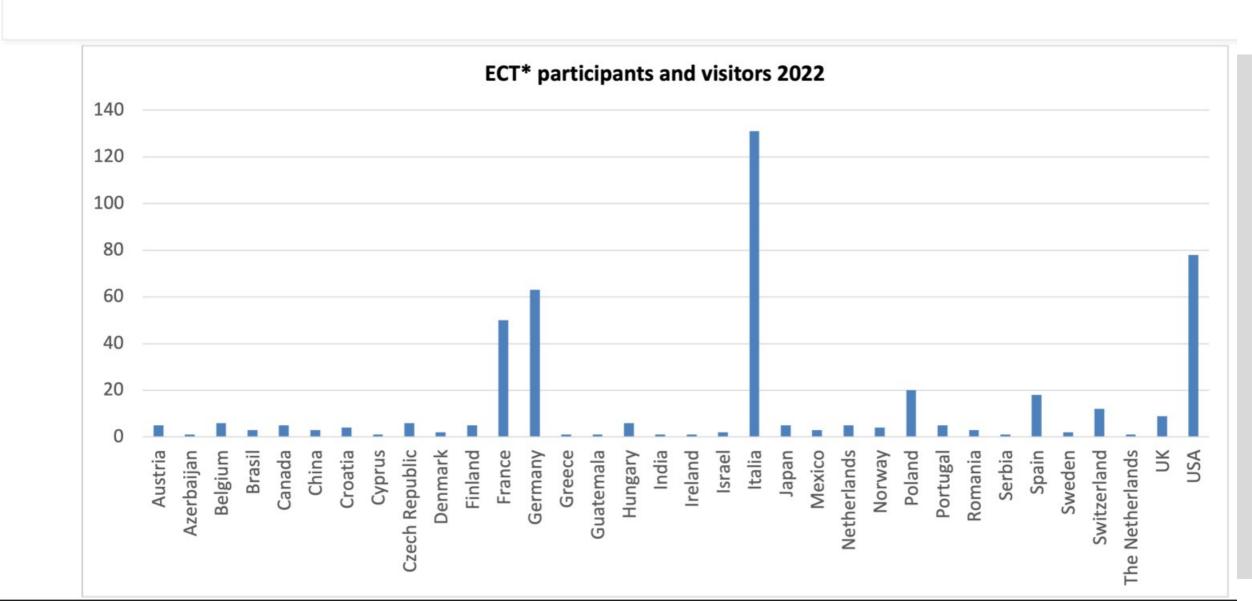
2023 Activities

full programme:

24 workshops and collaboration meetings from January to November selected by Scientific Board

DTP: Ab Initio Methods and Emerging Technologies for Nuclear Structure

Participation



2023 projection

FUNDING (projected)	Provision 2023
FBK - AdP	223,455€
PNRR - Quantum	61,841€
Funding Agencies	409,341€
Funding on workshop and projects	40,000€
EU-Project STRONG2020	91,305€
EU-Project EUROL-LABS	66,250€
TOTAL FUNDING	892,192€

Provisional Budget	2023
Workshop and Seminars	232,000 €
Research Personnel**	316,150 €
Visitors	13,000 €
Training	58,000 €
Administrative & Tech Staff	134,154 €
Directorate	65,191 €
Hardware & Software	18,000 €
Other costs*	40,000 €
Board	5,000 €
TOTAL	881,495 €
*Library, Licenses, Consumables	
NOTE: The extra maintainance costs for the	Villa in 2022

NOTE: The extra-maintainance costs for the Villa in 2023 are extimated in 245K Euro, charged on FBK Budget

Budget 2023/2024: comments

- 2023: budget very tightly constrained
 2024 (planning):
- community appetite: 31 workshop proposals submitted only about 22 can be supported
- increased cost of living/inflation
- increase budget for workshop and training programme

Contributions for 2023

Contributions of European Funding Agencies and Institutions 2023				
COUNTRY	AMOUNT	RECEIVED ON		
Belgium FWO (Flemish)	10,000	08/06/2023		
Croatia	7,400	will not arrive		
Czech Republic	10,000	11/09/2023		
Finland	8,000	16/06/2023		
France CEA (Saclay)	35,000	will arrive soon		
France CNRS	45,000	23/03/2023		
Germany	122,000	15/02/2023		
Hungary	2,000	23/02/2023		
Italy (INFN)	110,000	12/07/2023		
Netherlands	8,000	12/06/2023		
Poland	10,000	unclear		
Romania	6,000	28/06/2023		
Dubna (JINR)	XXXXX	XXXX		
Switzerland	9,981	03/10/2023		
JK	25,960	01/08/2023		
Total expected:	€ 409,341			
Total received:	€ 391,941			

Proposed/ committed contributions 2024-2029

European Funding Agencies and Institutions Committed/proposed contributions 2024-2029

COUNTRY	AMOUNT
Belgium FWO (Flemish)	11,000
Croatia	
Czech Republic	10,000
Finland	8,000
France CEA (Saclay)	20,000
France CNRS	45,000
Germany (TBC)	122,000
Hungary	2,000
Italy (INFN)	110,000
Netherlands	8,000
Poland	
Romania	6,000
Dubna (JINR)	хххх
Switzerland	
UK	50,000
Austria (TBC)	10,000
Spain (TBC)	10,000
Total	€ 412,000

Review

Executive Summary

The RC found that the ECT* is performing its core mission well: executing a successful and impactful workshop program and generating significant scientific output. The training program is appreciated as well. The Directors of ECT*, and the local administrative staff and researchers are to be commended for maintaining this during the pandemic. We appreciate Gert Aarts, the current *interim* Director, for his willingness to step in and take charge in the absence of a regular full-time Director of the Centre.

The challenges faced by the Centre during the past few years, which we identify and discuss in the report, underscore the need for a full-time Director.

A reduction in the total budget during this period is making it difficult to maintain the number of workshops and support of the participants at the optimal level.

In this context, the RC has examined the following points and formulated corresponding top-level recommendations:

Review: summary for Director

- enhance engagement with related areas, e.g. gravitational waves and nuclear astrophysics, quantum computing (in progress)
- develop engagement beyond current ECT* associates: dissemination of opportunities
- closer engagement between Director, Scientific Board and funding agencies
- reach out to potential new funding bodies
- local research activities (permanent staff) can be closer linked to other FBK activities, including funding opportunities

CHIPP decision/recommendation on the new MoU



UNIVERSITÄT BERN

- Confirm Swiss support to the ECT*
- Recommend to SNF to renew the MoU
- Recommend to increase financial support from 10 \rightarrow 20 kCHF