

**STRONG-2020**

**HORIZON 2020**

**Annual Meeting 2024**

**STRONG-2020: Status of the Project**

Barbara Erasmus (CNRS, Subatech)

# Homage to Carlo Guaraldo (1938 - 2024)



- 1960 marked the start of Carlo's carrier at LNF.
- He was a member of Torino-Frascati-Dubna collaboration (TOFRADUP) and leader of ALFA3 project
- He was involved in PS179 and later in the OBELIX (PS201) experiment, where he served as spokesmen.
- In the 1990s, Guaraldo supported the realization of the DAFNE complex.
- Carlo initiated and led a series of successful projects funded by EU commission, coordinating HadronPhysics, HadronPhysics2, and HadronPhysics3 initiatives from 2004 to 2014. These projects provided open access to six world-class experimental facilities (COSY, MAMI, LNF, ELSA, GSI/FAIR, and CERN) and the European Centre for Theoretical Physics ECT\* in Trento.
- He made an invaluable contribution to the STRONG-2020 project as Deputy Coordinator and member of the Executive and Governing Boards.

# Consortium Agreement

- 46 participating institutions (beneficiaries) in

- 16 countries:

Austria, Belgium, Switzerland, Germany, Spain, Finland, France, Croatia, Ireland, Italy, Montenegro, Netherlands, Poland, Portugal, Sweden, United Kingdom

- Location details can be found on [online Google map](#)

- 121 other Involved Institutions (not receiving EU funding)



# Grant Agreement



H2020-INFRAIA-2018-1  
Type of Action: RIA  
Grant Agreement N°824093



1 June 2019 to **31 July 2024**  
(62 months)



32 Work Packages (WPs)



46 participating  
institutions

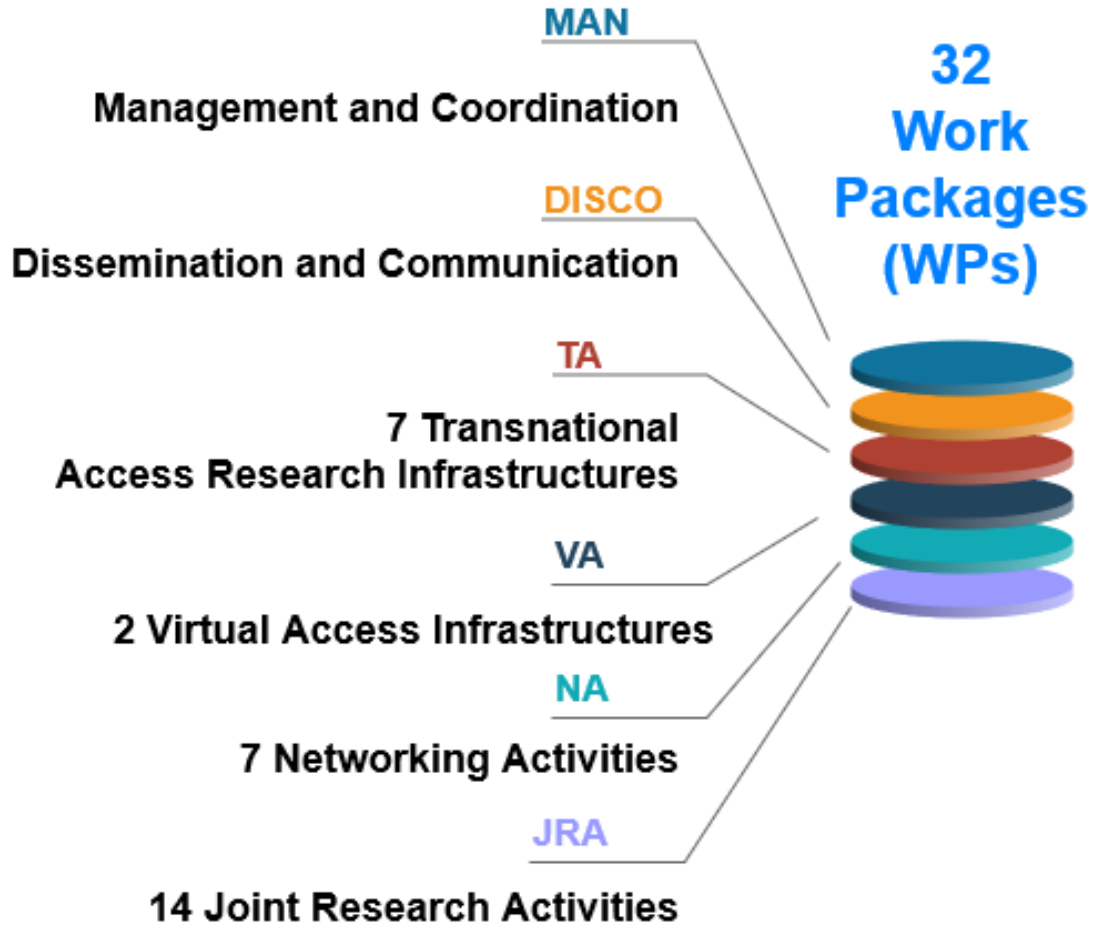


Budget 10 M €



<http://www.strong-2020.eu/>

The last version of the Grant Agreement (currently in force) is available in the Participant Portal and on the official web-site: News & Documents – Project Documents – Third Amendment







# Management structure



## Management team

- **Scientific Coordinator**
- Barbara ERAZMUS (CNRS)
- **Deputy Scientific Coordinator:**
- Carlo GUARALDO (†) (INFN)
- **Project Manager:**
- Emine AMETSHAEVA (CNRS)

## Executive Board

- Barbara ERAZMUS (CNRS)
- Carlo GUARALDO (†) (INFN)
- Boris HIPPOLYTE (CNRS)
- Chiara LA TESSA (University of Miami)
- Frank MAAS (JGU Mainz)
- Hervé MOUTARDE (CEA)
- Carlos SALGADO (USC)
- Laura TOLOS (USC)

## Governing Board

### Chairperson

- Elena GONZALES FERREIRO (USC)
- [The complete lists of members](#)

## Facility Coordination Panel

### Chaired by Scientific Coordinator

- Dieter GRZONKA
- Achim DENIG
- Catalina CURCEANU
- Hartmut SCHMIEDEN
- Yvonne LEIFELS
- Ubirajara van KOLCK
- David D'ENTERRIA
- Jean-Philippe LANSBERG
- Valerio BERTONE



## Some important achievements

### Scientific publications

- 377 publications already validated in the Portal
- 151 project Open Datasets

### Events organized with project support

- 118 conferences and workshops organized
- 29 press releases
- 19 public lectures


### Scientific community supported by the project

- 481 participants to the Workshops
- 208 participants to the Conferences
- Young researchers hired and/or supported in the frame of the project (details next slide)

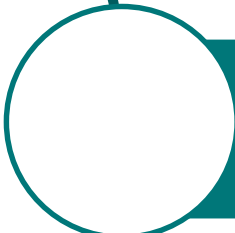





## Young researchers supported by the project



33 Post Doc scientists  
19 PhD students  
1 Engeneer contract



Scientists hired/supported by all types of WPs (TAs, JRAs, NAs, DISCO)



With various types of financing:  
- Full PhD/Post Doc contracts  
- Partial/combined financing (varying from 1 month to 45 months)





## Last Amendments of the project



### Second extension



- Additional **8 months extension** was requested by the Consortium
- Justified both by the consequences of COVID-19 and the energy crisis (Russia's aggression against Ukraine)
- Accepted by the EU Commission in June 2023

### Last Amendment



- Budget modifications and transfers for certain WPs
- Adjustments of work plans to the new project duration
- Definitively accepted by the Commission on 7 June with the entry into force of the modifications from 1 March 2024



## Past events: Plenary meetings



STRONG-2020 Kick-off meeting: October 23-25, 2019

Nantes, France: <https://indico.in2p3.fr/event/19715/>

STRONG-2020 Annual meeting: October 13-16, 2020

Online Meeting: <https://indico.in2p3.fr/event/20784/>

STRONG-2020 Annual meeting: November 8-10, 2021

Nantes, France: <https://indico.in2p3.fr/event/25163/>

STRONG-2020 Annual meeting: October 18-20, 2022

Paris, France: <https://indico.in2p3.fr/event/27767/>

STRONG-2020 Annual meeting: November 20-22, 2023

CERN, Switzerland: <https://indico.cern.ch/event/1264833/>

*Topical meetings organized by different project WPs can be found on the project Web site, [EVENTS: MEETINGS](#)*



## Before the project closure: next steps



### Final Report

- The Report to be prepared and submitted within 60 days (**1 August-30 September 2024**)
- The templates for scientific part will be provided by Management Team
- Financial Part to be completed directly in the Portal

### Additional elements

- Final review can be lead by REA (review of final report and all periodic reports)

### Closure/Final payments

- After acceptance of final report: payment of the balance to CNRS (Coordinator)
- Should be done within 90 days after accepting the final report
- **Release of 15% of the total budget** by the Commission

# Future Perspectives: Horizon Europe



- Research and innovation funding programme until 2027
- The programme is built around three main pillars – excellent science, global challenges and industrial competitiveness, and innovative Europe.
- More details can be found [here](#)



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➤ **June 2023** topic submitted to the EU Programme Committee (PC) by the French Ministry with strong support of IN2P3, CEA, NuPECC, Germany and Italy.

➤ **19 October 2023** discussion of orientations

Importance of the topic raised with the support of French, German and Italian representatives in the PC.

➤ **9 February 2024** preparation of the Work Programme 2025-2027

France, together with other countries, indicated a **high priority** supporting the topic "Hadron Physics" for the Work Programme 2025

➤ **Mai 2024**: draft of the Work Programme prepared by EU Commission

➤ **June 2024**: Preliminary information on the Work Programme

This workshop will be *dedicated to the memory of Professor Carlo Guaraldo*, from INFN-LNF, Deputy Scientific Coordinator of the STRONG-2020 project, who passed away on 19th May 2024 in Roma.



The Workshop will be held in person from 17 to 19 June 2024, in Frascati (Italy) in the context of the project STRONG-2020

(<http://www.strong-2020.eu/>).

The objective is to gather a broad Hadron Physics Community, including both young and experienced researchers.

The first day will be dedicated to selected contributions. STRONG-2020 offers an opportunity to cover local and travel expenses for young researchers.

During the second and third days, invited speakers will present their work and perspectives in various areas of Hadron Physics and related fields.

The Workshop will be followed by the STRONG-2020 Annual Meeting organized in Frascati on 20-21 June 2024 and open to a large audience. The Agenda will be soon available and the Registration is possible at the dedicated site [here](#).

A public event is foreseen on 19/06/2024 at 18:30, to be held at the "Scuderie Aldobrandini", where some of the participants will meet the general public to introduce them to the topics of the workshop and to reply to eventual questions.



