

AN ITALIAN PROJECT FOR
SCIENTIFIC DISSEMINATION



“ WHAT NEXT?
GIOVANI CHE RACCONTANO IL FUTURO ”

Young who talk about the future



ILARIA BALOSSINO

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FOR THE WORKING GROUP

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SCIENTIFIC DISSEMINATION



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THE ORIGINAL CALL
FROM 

« PHYSICS INVOLVING PEOPLE »

TO WHOM

Starting from the 2020, the INFN, within its third mission coordination committee, launched an **internal call** among all its researchers.

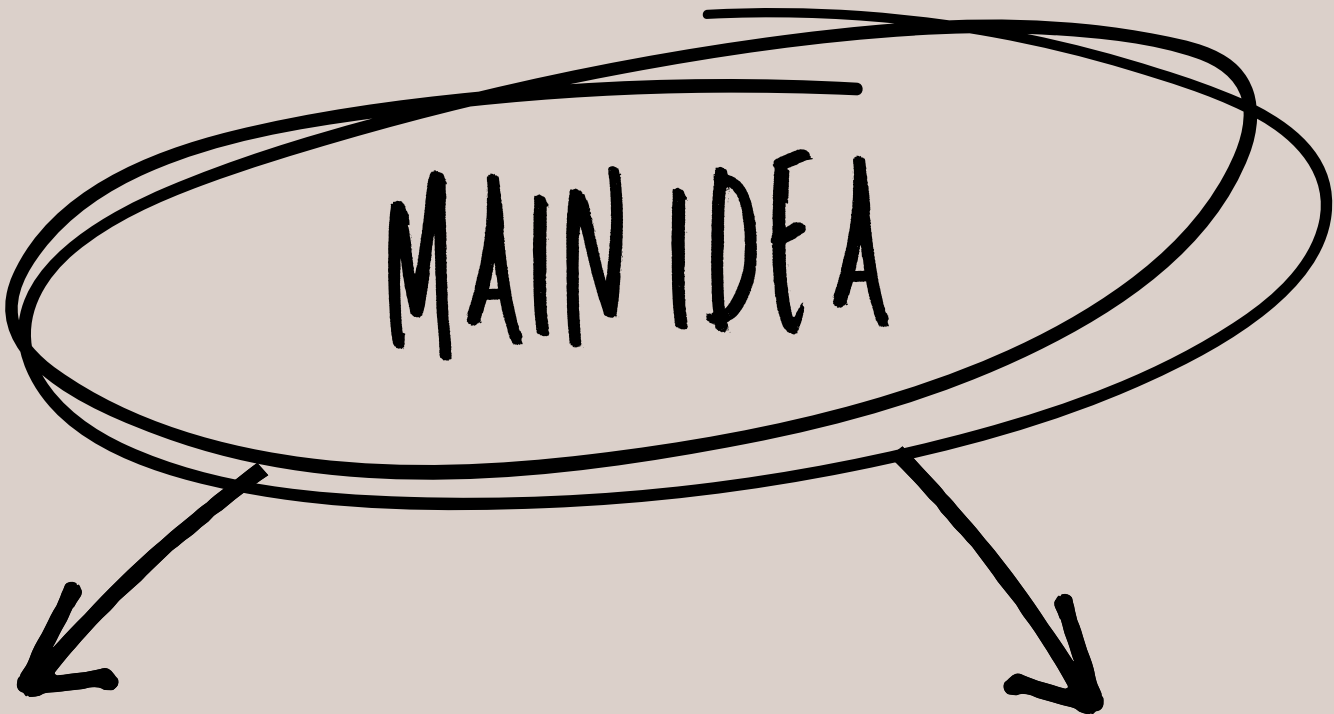
WHICH SUBJECT

The intent of this initiative was to create annual **public engagement initiatives dedicated to specific themes** as "High energy physics in the post-LHC world: new physics and the post-Higgs landscape", of interest of this project and talk.

WHICH OBJECTIVE

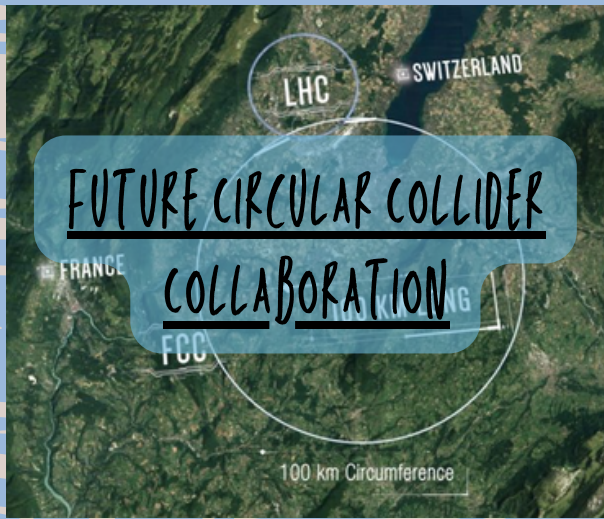
The final goal was to **share physics research** in each of its peculiarities with the general public.

[Link to INFN page](#)



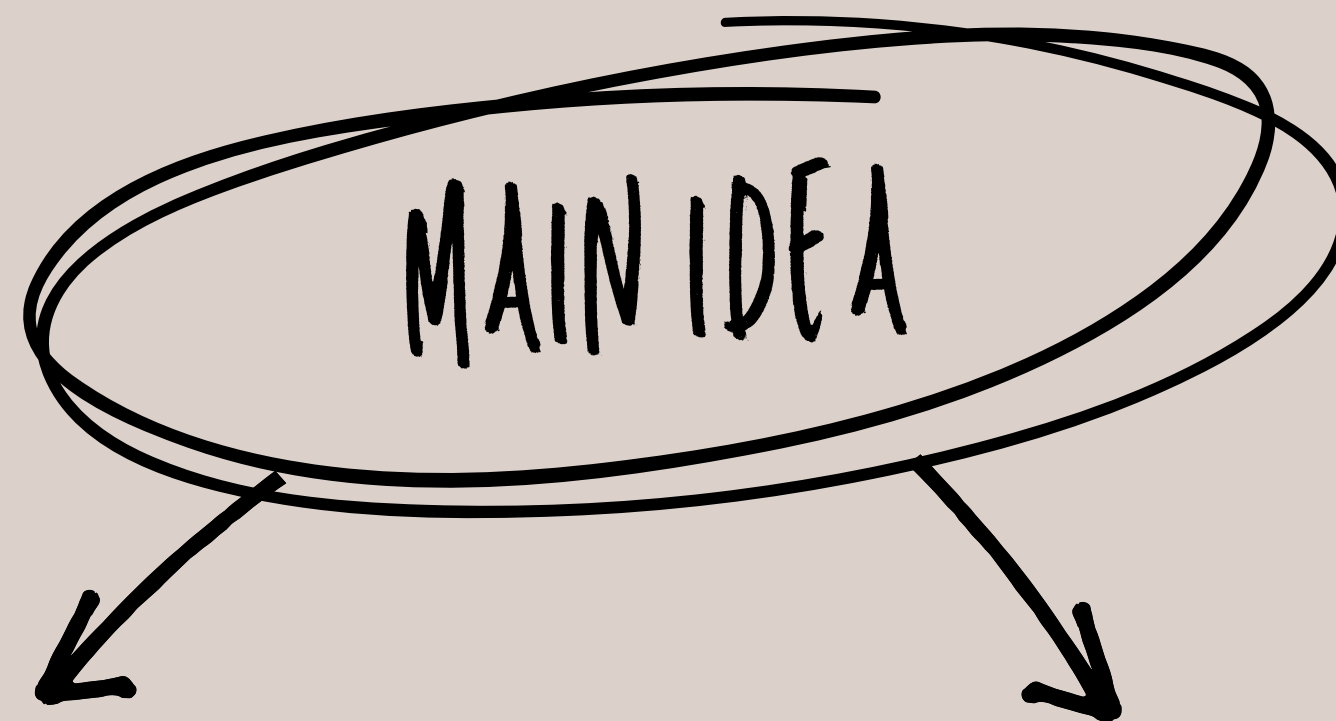
TOPIC

HIGH ENERGY PHYSICS IN THE POST-LHC WORLD



ACTION

- Try to involve young people, but not through the school organization
- Use more in-step-with-the-times tools
- Create a product that could be of interest to everybody



*^②
Main organizers of this project were not involved in communication on a daily basis

TOPIC

ACTION

HIGH ENERGY PHYSICS IN THE POST-LHC WORLD



- 💡 Try to involve young people, but not through the school organization
- 💡 Use more in-step-with-the-times tool
- 💡 Create a product that could be of interest to everybody



SUBSCRIPTIONS



Young people between 16 and 30 y.o. send one minute video about themselves



The selected people will visit an INFN sites of their interest

VISITS



DOCUFILM

Docufilm production and projection about accelerator physics



THE PROJECT

THE REALIZATION

PHASE 1

04/'20 -> 09/'20 -> 04/'21

Advertising and launch
Working group preparation
Subscription collection

PHASE 2

09/'21 -> 12/'21

Visit of INFN sites
Collection of material

PHASE 3

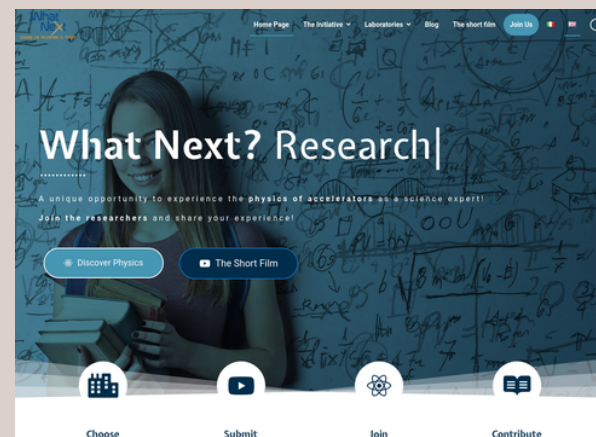
01/'22 -> 12/'22

Docufilm production and
showing

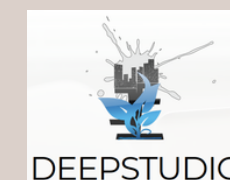
PHASE 1

04/'20 -> 09/'20 -> 04/'21

- **Advertising and launch**
- Working group preparation
- Subscription collection



Website cured by Deep Studio



Launched during the **European Researcher's Night 2021**

Associated accounts in all Social media channels
(about 500 followers on IG and FB)

Created a partnership with a YT channel "un quarto d'ora con il prof" of Prof. Rocco Dedda

Formed a **creative group** to manage the whole project composed by 1 video director (*Alessio Attardi*), 1 screen player (*Nina J.Kors*) and 4 researchers (*Gianluigi Cibinetto, Patrizia Azzi, Marco Scodeggio and myself*).

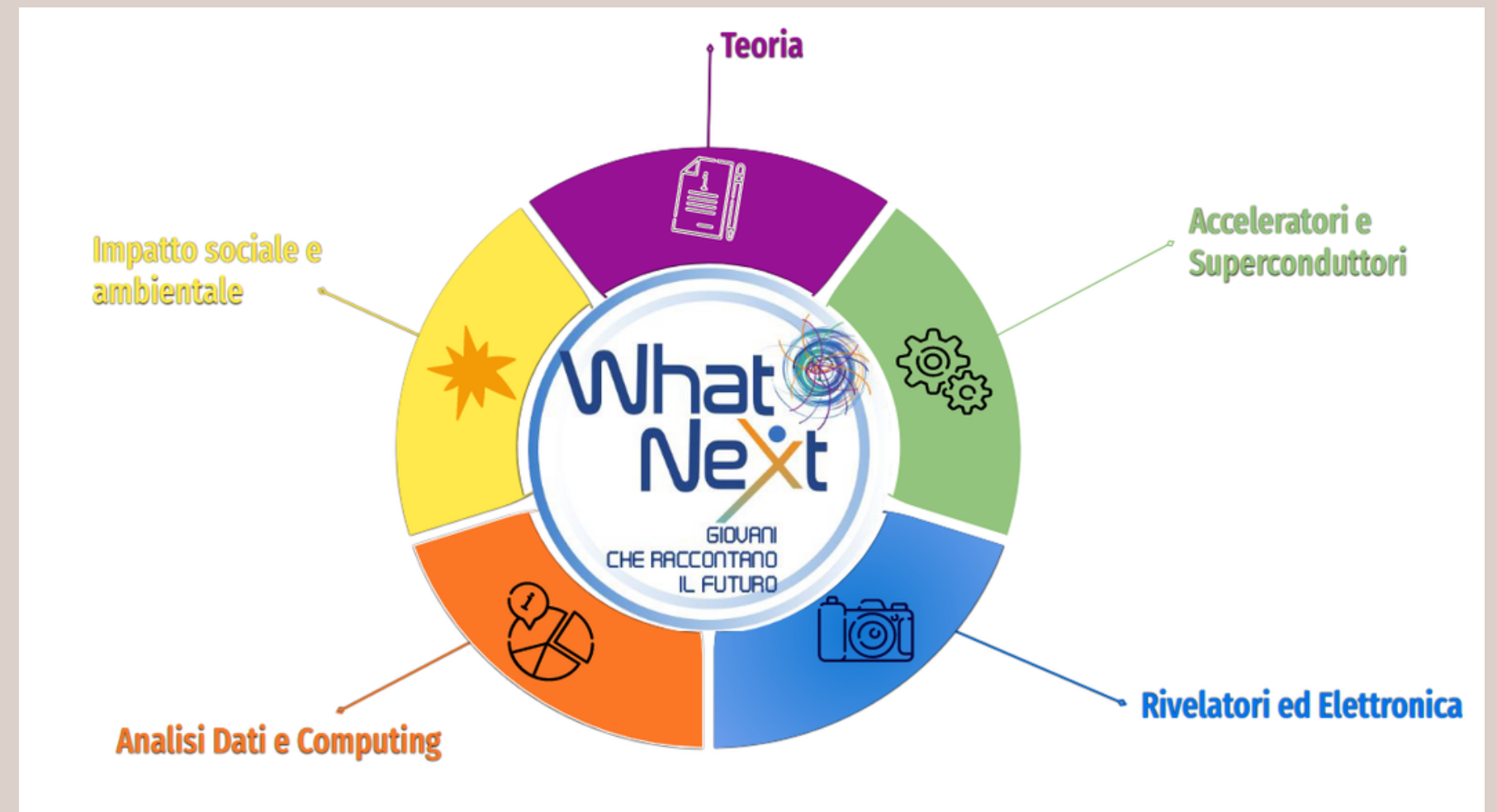
Prepared a trailer and teasers to promote the event with the help of the INFN Multimedia Office of Bologna

PHASE 1

04/'20 -> 09/'20 -> 04/'21

- Advertising and launch
- **Working group preparation**
- Subscription collection

Divided the work of high energy physics research at accelerators in 5 macro-areas



- The specifics have been collected with the experts of each area
- A brief introduction on all the arguments have been given before every visit
- A more specific insight has been given based on the experiences and availability of the the laboratories



PHASE 1

The subscriptions stayed open until April 2021

ABOUT 130 PEOPLE PARTICIPATED

all got accepted

3 didn't for bureaucracy reasons

04/'20 -> 09/'20 -> 04/'21

- Advertising and launch
- Working group preparation
- **Subscription collection**

EQUALLY SPREAD AROUND ITALY

BIT UNBALANCED TOWARD THE YOUNGEST

They expressed very enthusiastic answer toward all the macro-areas

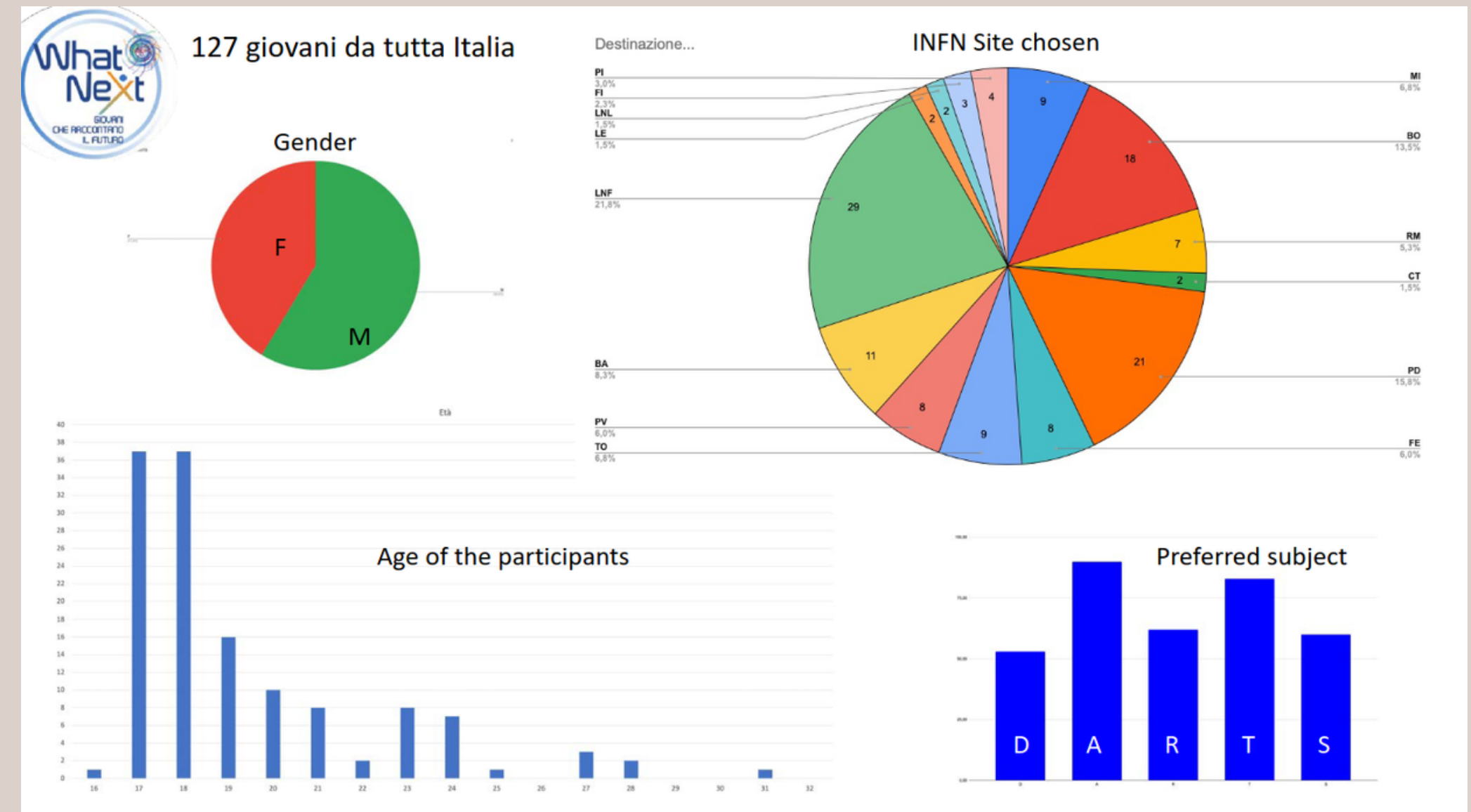
PHASE 1

The subscriptions stayed open until April 2021

127 PEOPLE PARTICIPATED

04/'20 -> 09/'20 -> 04/'21

- Advertising and launch
- Working group preparation
- **Subscription collection**





PHASE 2

- PAVIA
- FERRARA
- LEGNARO
- FIRENZE
- PISA
- FRASCATI
- ROMA
- TORINO
- BOLOGNA
- LECCE
- BARI
- MILANO

09/'21 -> 12/'21

1. Brief introduction on HEP at accelerator and INFN
2. Visit of the laboratories
3. Discussion about the day

The video director, Alessio, was present in almost all the visits to catch the emotions of young and researchers. When not possible to him, for example in Bologna, the INFN Multimedia Office helped

- Visit of INFN sites
- Collection of material



PHASE 3

It has been decided to start and prepare the docufilm to be 20 minutes long, due to our intentions to participated to Festivals.

01/'22 -> 12/'22

- Docufilm production and showing



It was firstly presented in Ferrara in October 2022 with the participation of experts of each macro-areas to have a full evening on high energy physics conducted by a famous journalist Silvia Bencivelli



PHASE 3

It has been decided not to publish the docufilm right away on the web

01/'22 -> 12/'22

- Docufilm production and showing



It has been kept as INFN property for a year to allow internal events as happened in Padova, Legnaro, Catania and at the Quantum Science Festival

IT WILL BE ONLINE BY THE END OF THE YEAR

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NEXT

There are not plan to repeat this experience in the next future

It has been recognized that this format is very successful and can be applied to different aspect of physics

IMPROVEMENT

Increase in number the contents on social media

Giving more time to the students to elaborate their own social content



**FUORI
DALLA
CAVERNA**

A very beautiful experience that we can share through the docu-film

**FUORI
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THANK YOU ALL

A very beautiful experience that we can share through the docu-film