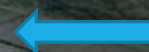


# Welcome to the CMS Induction Course

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Pigi Paolucci  
Engagement Office Chair







[cms.cern.ch](https://cms.cern.ch)

CMS Collaboration

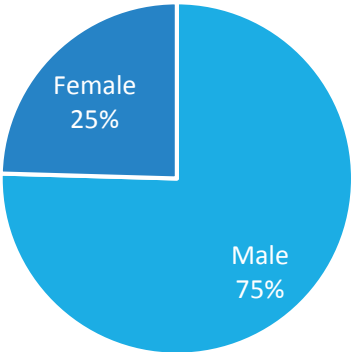
~ 4000 members

~ 40 countries

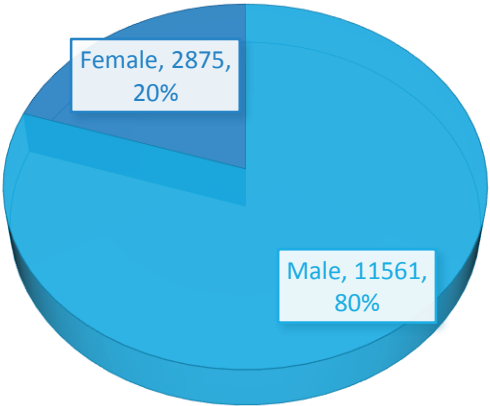
~ 200 Institutes



doctoral student Gender

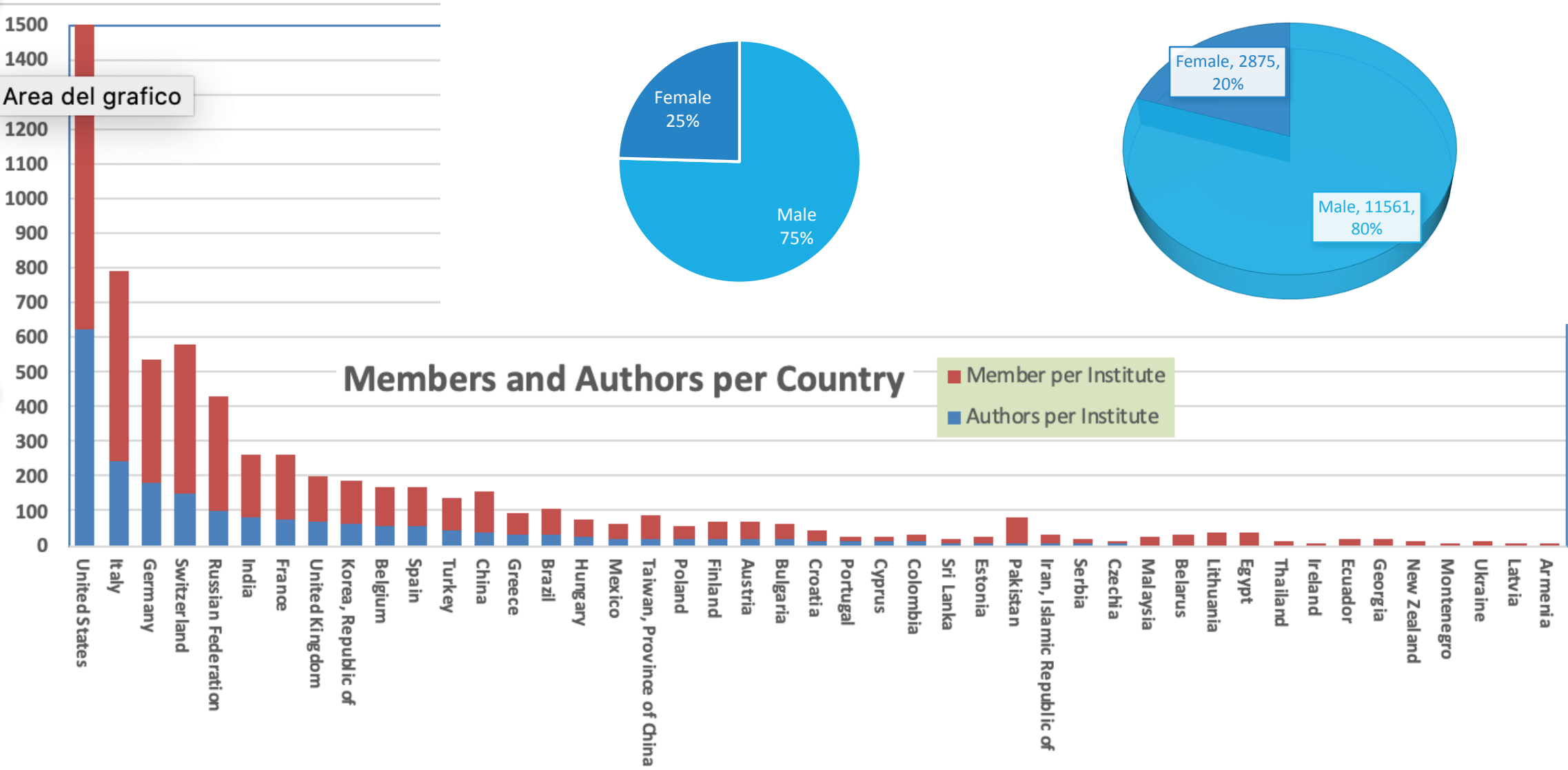
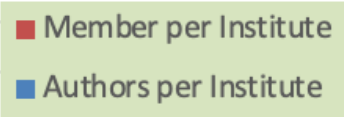


MEMBER GENDER EVER



Area del grafico

Members and Authors per Country





Higgs Boson discovery  
was a fantastic day





But now let's look to the future  
(see upgrade talk)

# 12th CMS Induction Course

20–22 Sep 2021  
CERN  
Europe/Zurich timezone



## Overview

[Timetable](#)[Contribution List](#)[My Conference](#)[My Contributions](#)[Registration](#)[Participant List](#)[Videoconference](#)

The CMS Induction Course is envisaged for newcomers and those who have been in CMS for some time - both students and more experienced collaborators.

The days will be an overview of talks/discussions; and an operation Awareness Session describing the challenges and fascination of technical activities.

Main presenters and discussion leaders will be from the CMS Management, the Subsystem Managers and the Coordinators. Presentations will be simple, focused on CMS-specifics and include pointers to more information.

At the end we will please ask you to answer to a survey that help us in improving the future induction courses.

**DUE TO THE COVID-19 CRISIS THE INDUCTION COURSE WILL BE ONLINE (zoom connection available)**



**Starts** 20 Sep 2021, 13:30  
**Ends** 22 Sep 2021, 17:10  
Europe/Zurich



CERN



Dave Newbold  
Kai-Feng Chen  
Matthias Kasemann  
Pierluigi Paolucci  
Rachel Bartek



There are no materials yet.



## Registration

You are registered for this event.

150

[See details >](#)

13:00

## Monday

**Welcome to CMS***Dr Pierluigi Paolucci*

CERN

13:30 - 13:45

**Spokesperson Team Introduction Talk***Gautier Hamel de Monchenault*

CERN

13:45 - 14:30

**Physics and Data Analysis***Florenca Canelli*

CERN

14:30 - 15:15

**Break**

CERN

15:15 - 15:30

**Tracking***Kristian Hahn*

CERN

15:30 - 16:15

**Calorimetry***Stefano Argiro*

CERN

16:15 - 17:00

**The Young Scientist Committee***Muhammad Ansar Iqbal*

CERN

17:00 - 17:20

14:00

15:00

16:00

17:00

13:00

## Tuesday

**Why we do need a CMS Upgrade?***Frank Hartmann*

CERN

13:30 - 14:15

**Data Taking***Benjamin Radburn-Smith*

CERN

14:15 - 14:45

**First level Trigger online software***Tom Williams*

CERN

14:45 - 15:15

**Break**

CERN

15:15 - 15:30

**How the CMS secretariat can help you***Ekaterina Osipova*

CERN

15:30 - 15:40

**CMS Communication Group***Federica Baldassari*

CERN

15:40 - 16:00

**Machine Learning @ CMS***Gregor Kasieczka*

CERN

16:00 - 16:30

**Question Time and discussion with SP team and CMS management**

CERN

16:30 - 17:00

14:00

15:00

16:00

17:00

13:00

## Wednesday

**Offline Data Preparation and Computing**

*Salvatore Rappoccio*

*CERN*

13:30 - 14:00

14:00

**The Road to Run-3**

*CERN*

14:00 - 14:20

**Run, Technical Coordination and BRIL**

*Andrea Massironi*

*CERN*

14:20 - 14:50

15:00

**Safety**

*Roberto Perruzza*

*CERN*

14:50 - 15:10

**Break**

*CERN*

15:10 - 15:25

**CMS Virtual Visit**

*Dragoslav Lazic et al.*

16:00

*CERN*

15:25 - 16:15

**CMS Diversity Office**

*Toyoko Orimoto*

*CERN*

16:15 - 16:35

**CMS Collaboration Board and Policies**

*Claudia Wulz et al.*

*CERN*

16:35 - 16:55



## Points of Order

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We hope this will be the last ID on zoom

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We will be recording the meeting so that people in other time zones can access the talks

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Please do ask questions to the talk and the discussion!

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Please use the raise hand feature

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We have over 150 participants. We please ask you to fill the Suervey at the end

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<https://indico.cern.ch/event/1050796/>

# Thanks a lot to

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Dawn Hudson

- CMS Secretariat
- Speakers
- Tour Guides
- Participants