



International Particle  
Physics Outreach Group

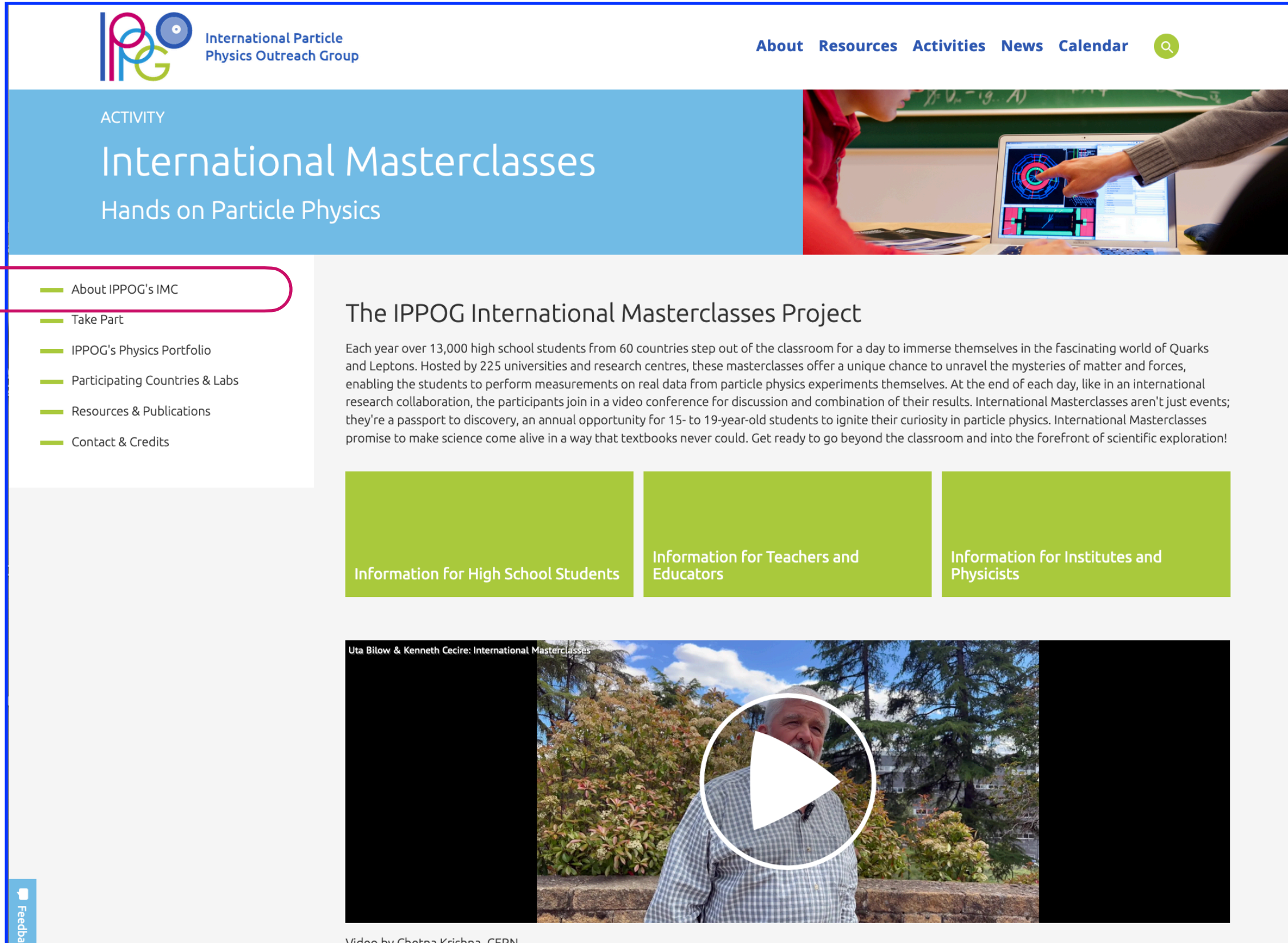
# IMC on IPPOG.ORG

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# Migration process

- Reminder: the migration was decided before my mandate
- Over 2 years, involved an admin student + supervision & follow up to get to where we are today
- This phase is over, as other hot topics need attention and work, but there are “spots” where the responsible for specific Master-Classes can add information and/or extend the purpose of this part of ippog.org



The screenshot shows the website for the International Particle Physics Outreach Group (IPPOG) International Masterclasses Project. The page features a navigation menu with links for 'About', 'Resources', 'Activities', 'News', and 'Calendar'. The main heading is 'International Masterclasses Hands on Particle Physics'. A sidebar menu is visible, with 'About IPPOG's IMC' highlighted. The main content area includes a description of the project, which involves 13,000 high school students from 60 countries participating in hands-on experiments. Below the text are three green buttons: 'Information for High School Students', 'Information for Teachers and Educators', and 'Information for Institutes and Physicists'. At the bottom, there is a video player showing a man speaking, with a play button overlay. The video is credited to 'Uta Bilow & Kenneth Cecire: International Masterclasses' and 'Video by Chetna Krishna, CERN'.

<https://ippog.org/imc-international-masterclasses>



ACTIVITY

# International Masterclasses

## Take Part



- About IPPOG's IMC
- **Take Part**
- IPPOG's Physics Portfolio
- Participating Countries & Labs
- Resources & Publications
- Contact & Credits

Where is the nearest Particle Physics Lab?  
 What kind of research do they focus on?  
 Do they offer regular outreach activities?  
 Even interested to study (particle) physics yourself?

From Algeria to Zambia: More than 225 particle physics research institutes from 60 countries participate and can answer your questions.

WHEN: Events & Schedules

WHERE: Countries & Labs

HOW: Organisation tips

## Journey Through International Masterclasses Across Continents

Events are organised by the Masterclass teams for science festivals, institutes anniversaries or to celebrate special international days. But the highlight of the year is for sure the " International Masterclass season ", organised in February and March, where all join forces to allow students from the world to meet each other. At the end of each Masterclass day a videoconference between the institutes and with moderators at CERN, Fermilab, Pierre Auger, KEK, or GSI is established.

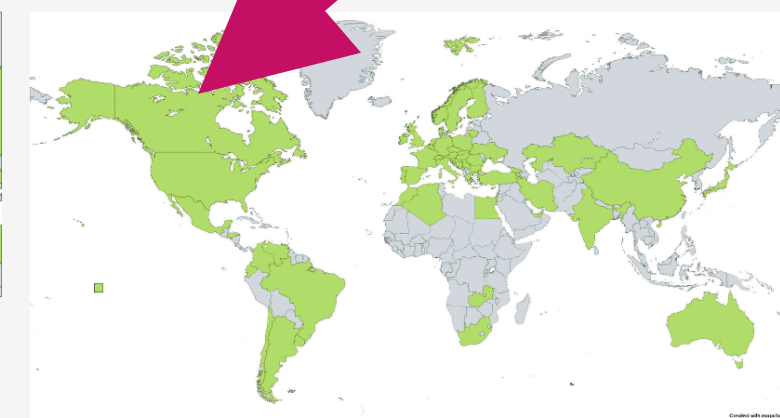
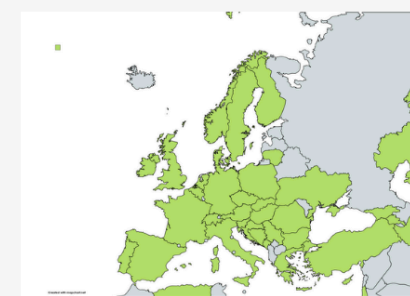
Select your preferred event and moderation center to access the schedule, delve into insightful discussions and elevate your Masterclass experience!

February to April: IPPOG's IMC Season

February: Women in Science

November: Worldwide Data Day

### IMC Countries



1. Algeria
2. Argentina
3. Armenia
4. Australia
5. Austria
6. Belgium
7. Bosnia and Herzegovina
8. Bulgaria
9. Brazil
10. Canada
11. Cape Verde
12. Chile
13. Colombia
14. Croatia
15. Cyprus
16. Czech Republic
17. Denmark
18. Ecuador
19. France

### Generic information, news and tips:

- Information about how to join the International Masterclass Season: [under this link](#)
- Quarknet Data activities: <https://quarknet.org/>

### Specific instructions :

- Information about all measurement (short description, links to download etc.): [under this link](#)

**SPOT for more links if needed**

**General broken links fix over summer**





## International Masterclasses

 [About IPPOG's IMC](#)

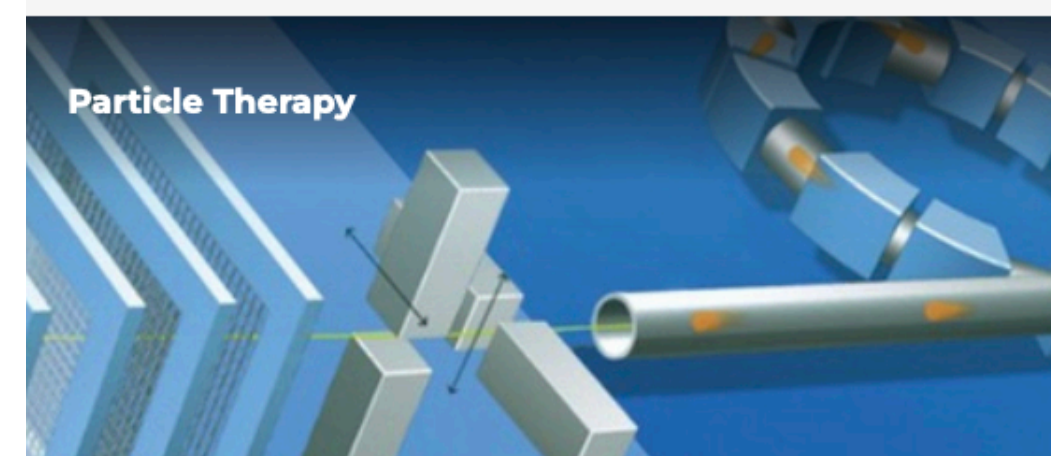
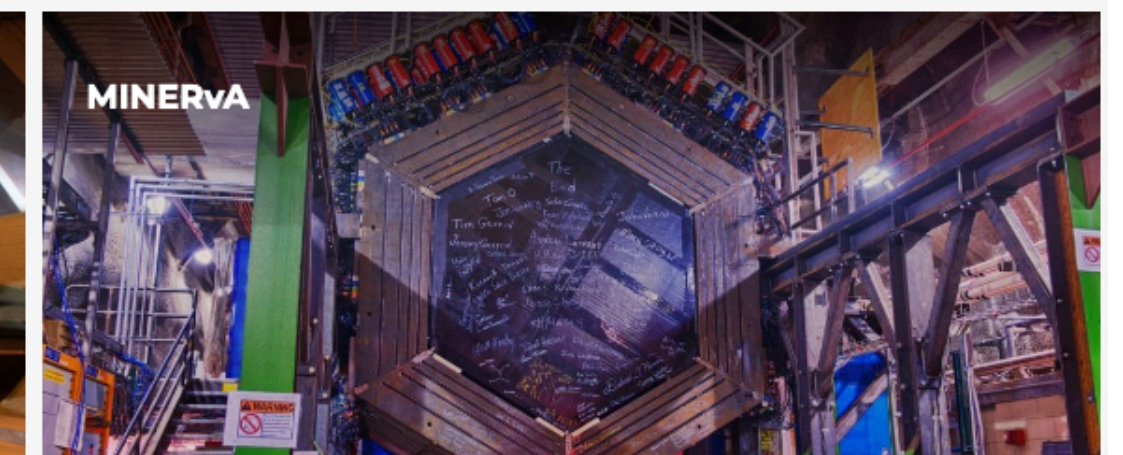
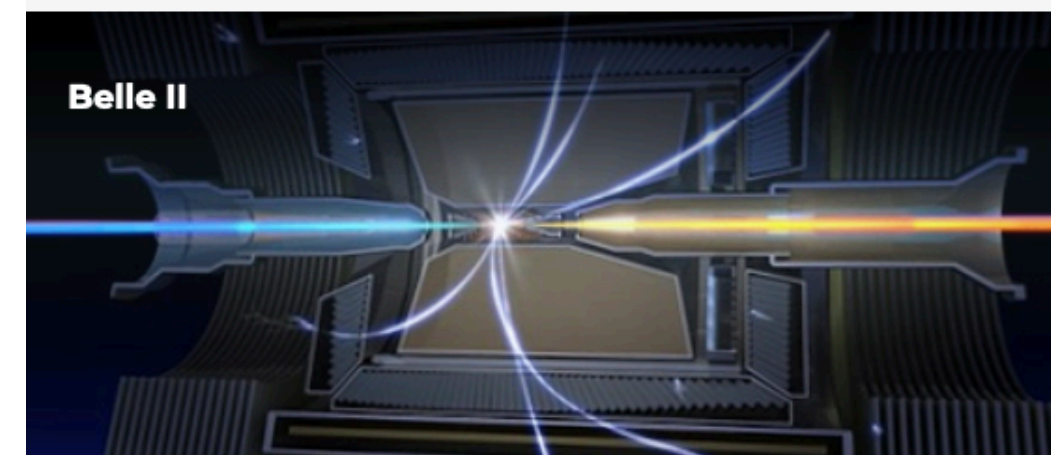
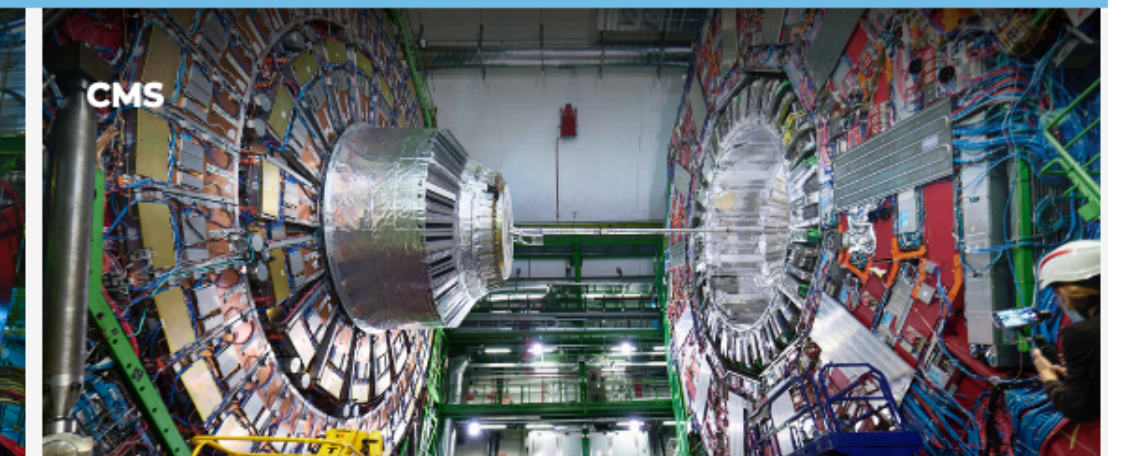
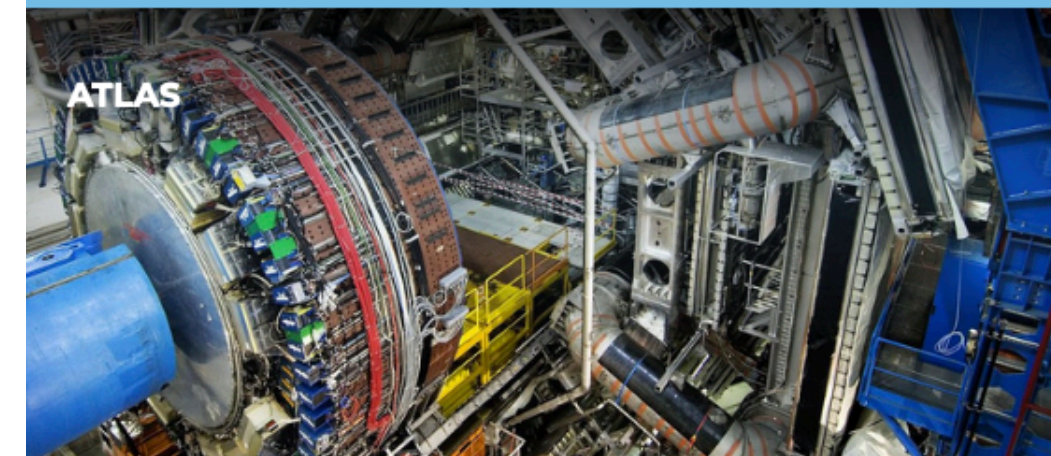
 [Take Part](#)

 [IPPOG's Physics Portfolio](#)

 [Participating Countries & Labs](#)

 [Resources & Publications](#)

 [Contact & Credits](#)






ACTIVITY

# International Masterclasses

## Resources & Publications



- About IPPOG's IMC 
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Some links for those who want to learn more about Particle Physics:

## News and Online Magazines

- [Symmetry - A joint Fermilab/SLAC](#)
- [CERN Courier - Reporting on International Particle Physics](#)
- [Interactions.org - Particle physics news and resources](#)

## Introductions to Particle Physics

- [CERN educational resources](#)
- [Fermilab education office](#)
- [Perimeter Institute resources](#)
- [Taking a closer look at LHC](#)
- [The Particle Adventure \(13 languages\)](#)
- [Contemporary physics education project](#)

## More about Masterclasses and IPPOG

- [Articles describing the IMC Project](#)
- [Physics IMC on X/twitter](#)





ACTIVITY

# International Masterclasses

Contact & Credits



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## Contact

Should you have any inquiries or suggestions regarding the International Masterclasses, please do not hesitate to contact us:

[ippog-ipc-contact@cern.ch](mailto:ippog-ipc-contact@cern.ch)

## Acknowledgements

In 1997 the IMC program started in the UK ([see report by Roger Barlow in CERN courier 2014](#)). The next step happened in 2005, the World Year of Physics, when the program was organised in many European countries by EPOG (European Particle Physics Outreach Group). In 2006, U.S. institutes joined the program and EPOG became IPPOG (International Particle Physics Outreach Group) in 2010. A symposium and celebration of the 25th anniversary of the group can be seen under this [link](#).

*We gratefully extend the appreciation of the dedicated volunteers whose contributions make the International Masterclasses possible. Your engagement and enthusiasm play a pivotal role in bringing this educational experience to life. Thank you for your commitment to the success of International Masterclasses.*



## With support from

CERN



TU Dresden



University of Notre Dame



QuarkNet



# Wrap up

- This is as far as I could go for now.
- Next step is to widen the scope by referring to other “hands on data” projects in an additional portfolio, and create the corresponding brochure, in time for the FNAL meeting and summer conferences.
- FYI, [ippog.org](http://ippog.org) will only survive ~ 1 or 2 more years.