

INTERNATIONAL COSMIC DAY

Discover Cosmic Rays

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for the Netzwerk Teilchenwelt-Collaboration and DESY, Zeuthen
Speaker: Carolin Schwerdt

IPPOG Spring Meeting | May 11. 2022

10th anniversary

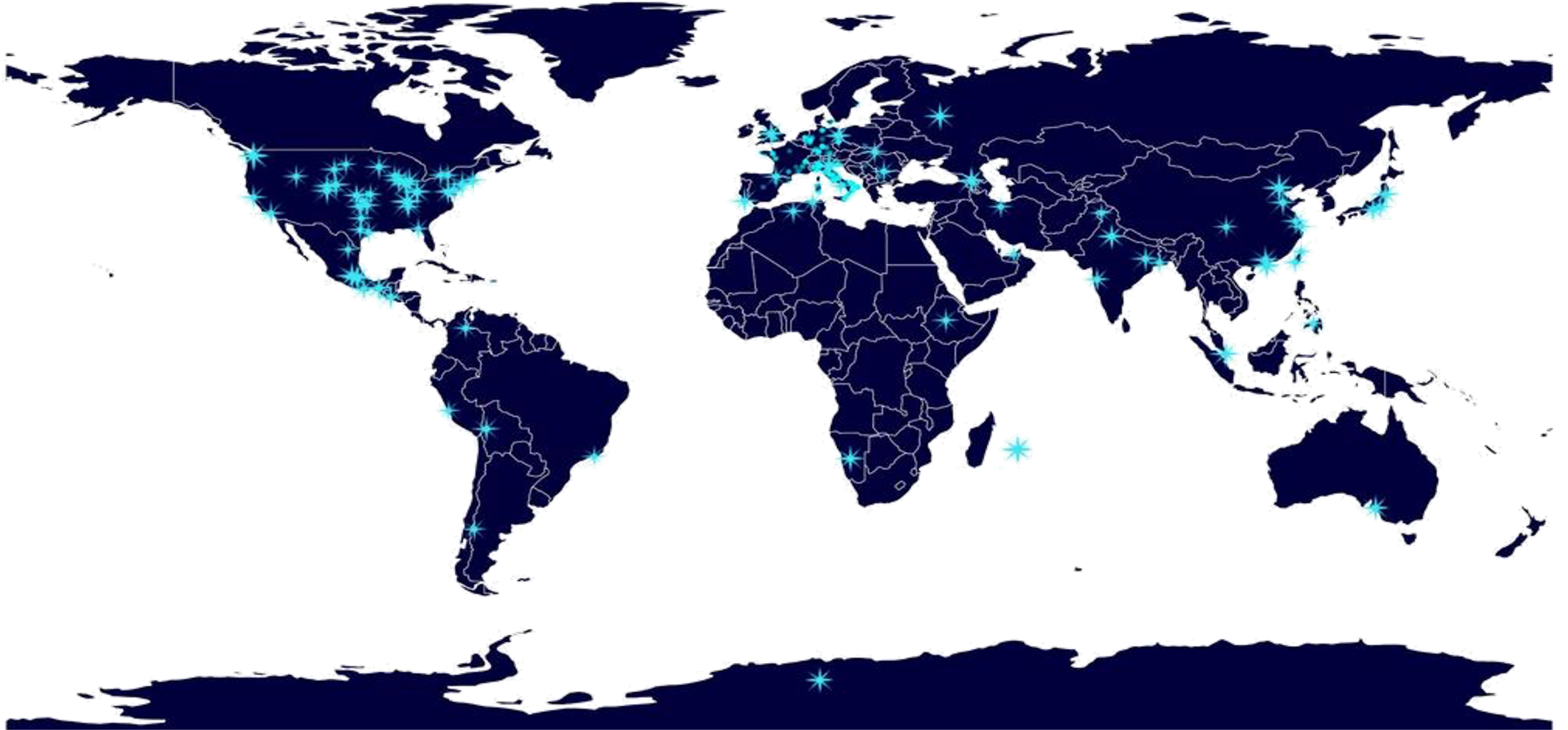
Scientists, Teachers and Students send Greetings



https://youtu.be/EdoDO_YC7gY

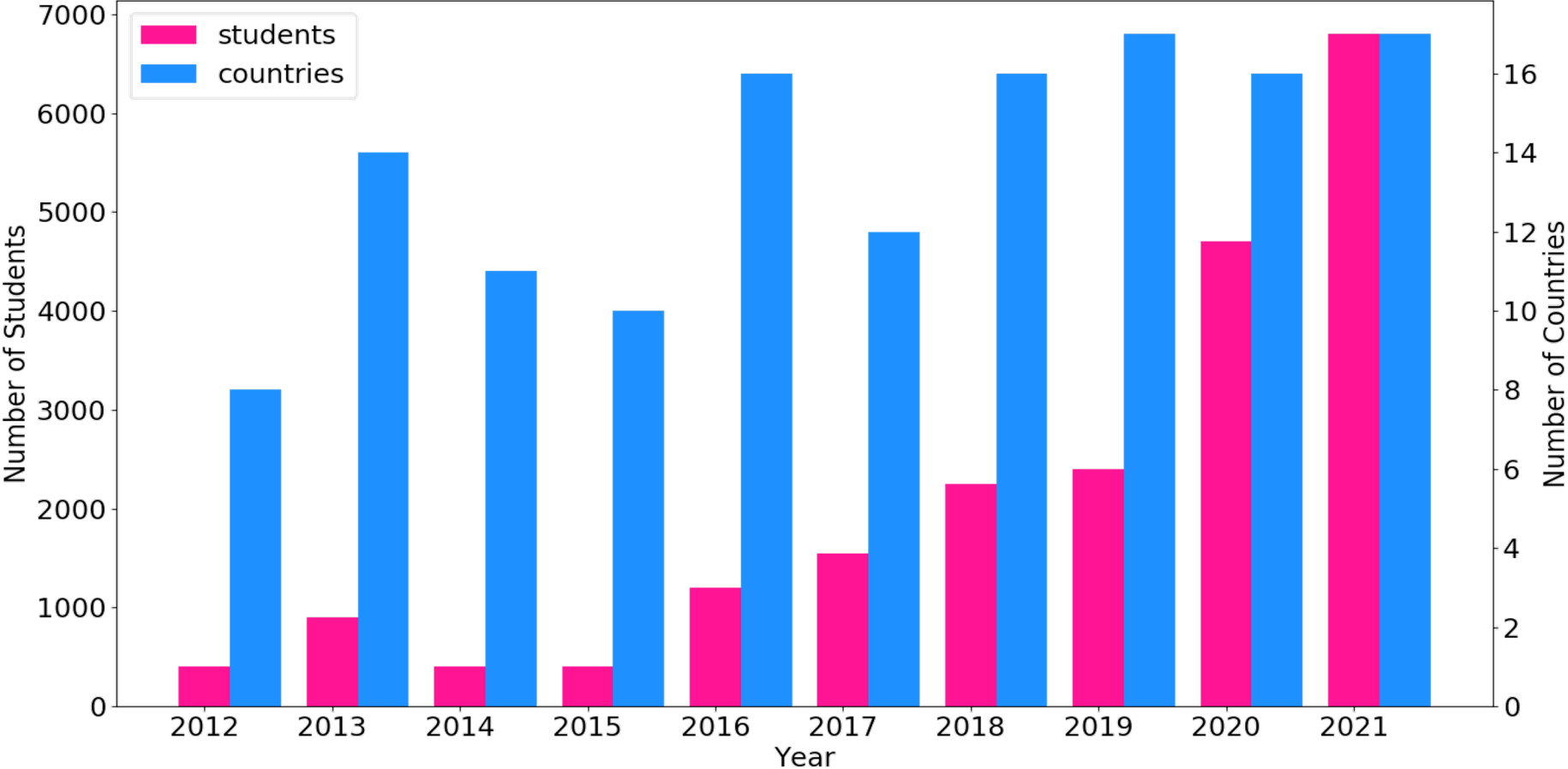
Participating Groups Worldwide

2012 - 2021



Development

The ICD: a growing event



2021: participants from more than 60 institutions in 17 countries, 6800 students

Development

History and future plans

- **the beginning:** same project for all groups (zenith angle measurement), communication via text chats
- **today:** variety of possibilities to participate, exchange via video meetings and social media
- **challenges:**
 - COVID-19: more (online) possibilities to participate
- **learned:**
 - offer for single-student registration was not successful
 - countrywide networks have big influence on participation

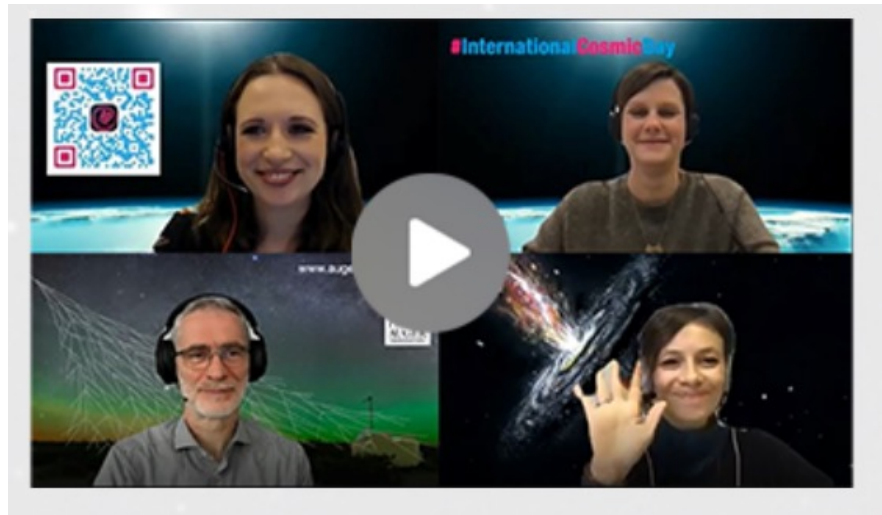


Winner of the Selfie Contest 2021: Liceo Galileo Ferraris from Italy

Online offers

New Material

- **Welcome Call:** with Ralph Engel from Auger and Elisa Prandini, INFN



- Elisa explains her work on the cover for Nature Astronomy 02/20210 to motivate the drawing contest
- **Data Analysis „for Home“:** by OCRA, Cosmic@Web, EEE and KCDC

• Online Introductions:

We are pleased to offer online lectures on the topic of cosmic rays for the first time
In this videos we explain...



...what astroparticle physics is
(use the English subtitle).



...what cosmic rays are.



...how cosmic particles can be measured.

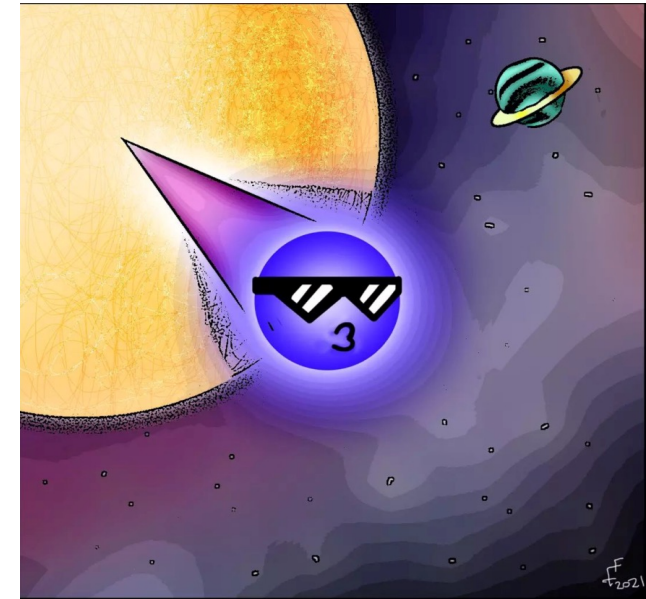


...how you can work like a scientist
with Cosmic@Web
(use the subtitle for English).

Organizing the International Cosmic Day

ICD team perspective

- offer: a platform, some material and a network, not a day-filling program
- manage registrations and send information around
- provide announcement posters, certificates of participation, online material
- plan and moderate about 10 video meetings and a welcome call
- compile booklet after the event
- drawing and selfie contest, Kahoot quiz
- **Communication tools and used platforms:** video meeting platform, registration platform, survey tool, website, social media



Winner of the Drawing Contest
2021: Farbod from Iran