

The 10th Annual
Large Hadron Collider Physics Conference
May 16-21, 2022



LHCP 2022 Report to IUPAP C11

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on behalf of the LHCP Steering Committee

10 Jul 2022



SAPIENZA
UNIVERSITÀ DI ROMA



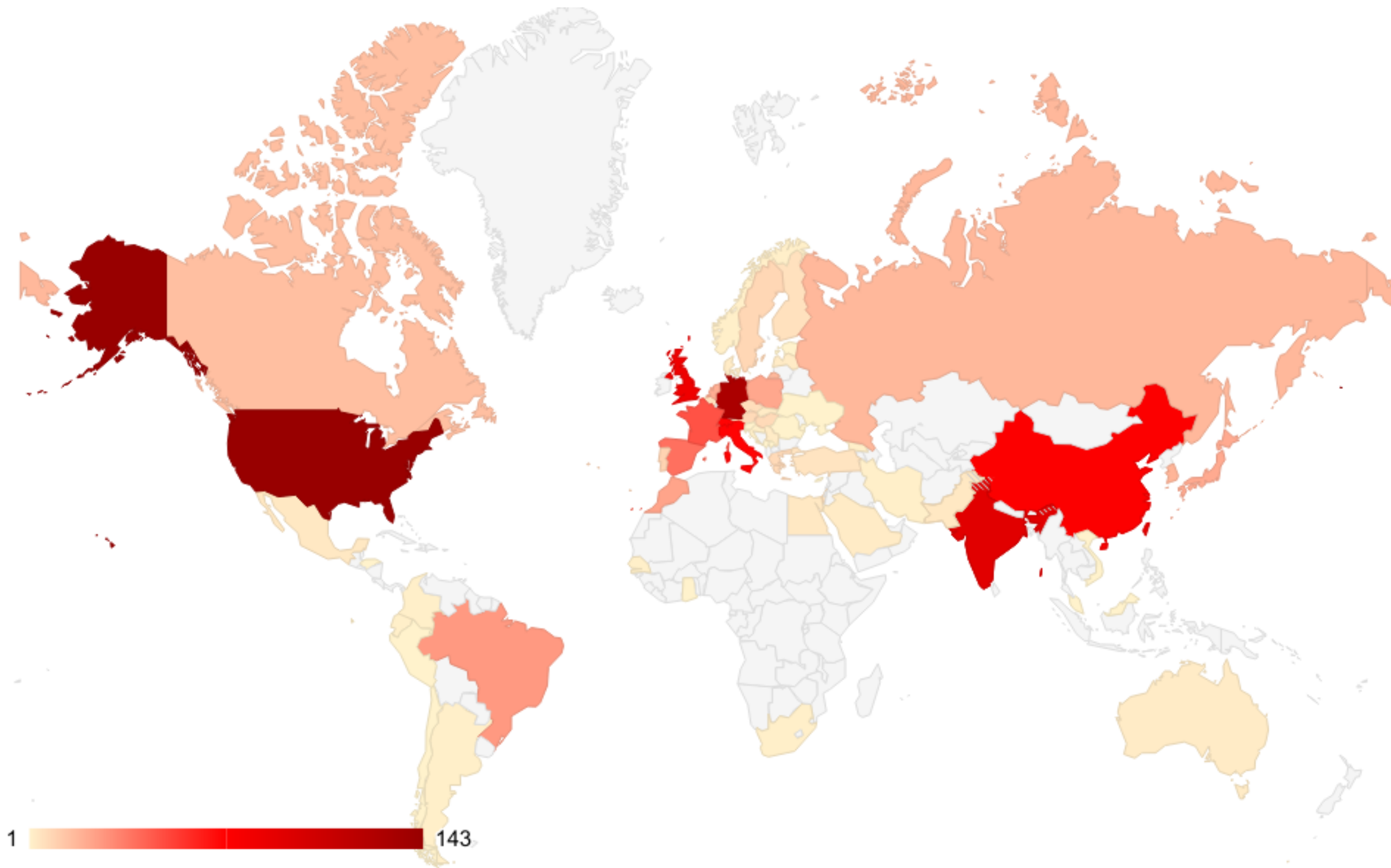
LHCP Location

- ▷ LHCP aims to rotate around three regions in a four-year cycle
 - Europe → Americas → Europe → Asia and Oceania; African venues can bid in any phase of the cycle
 - Competitive bidding process – typically 3-4 very strong bids each year
 - Venue for LHCP-(N+2) selected at the IAC meeting at LHCP-N
- ▷ Past locations
 - 2013 – Barcelona, Spain
 - 2014 – New York, USA
 - 2015 – St Petersburg, Russia
 - 2016 – Lund, Sweden
 - 2017 – Shanghai, China
 - 2018 – Bologna, Italy
 - 2019 – Puebla, Mexico
 - 2020 and 2021 – Online meetings, “local” hosts from Paris, France
 - 2022 — Online, local hosts from Taipei
 - 2023 – Belgrade, Serbia
 - 2024 — Northeastern University, Boston (selected in 2022)

Online LHCP 2022

- ▷ Planning until Feb 2022 for hybrid edition
 - Optional excursion on Saturday and full scientific program on Mon-Fri
 - More family friendly format
 - Online program kept as backup
 - Fallback to online edition due to restrictive quarantine upon arrival in Taiwan
- ▷ Thanks to IUPAP and CERN support, no-fee attendance possible again
- ▷ Mainly followed the conference structure used in Paris
 - More work for local hosts from Taipei managing zoom sessions
 - Talks scheduled Mon-Fri 12.00-18.30 CEST with two 15' breaks
 - Parallel sessions with seven-fold parallelism
 - Poster session split into a (European) morning and evening session
 - presenters specified for which session(s) they would be present
- ▷ Indico and zoom used for the entire conference
 - All sessions recorded, with explicit consent given by speakers
 - Live closed-captioning by a commercial company for all plenary sessions
 - Better fidelity over automatic captioning
 - Successful experiment using [gathertown](#) for virtual poster venue

Geographical distribution of participants

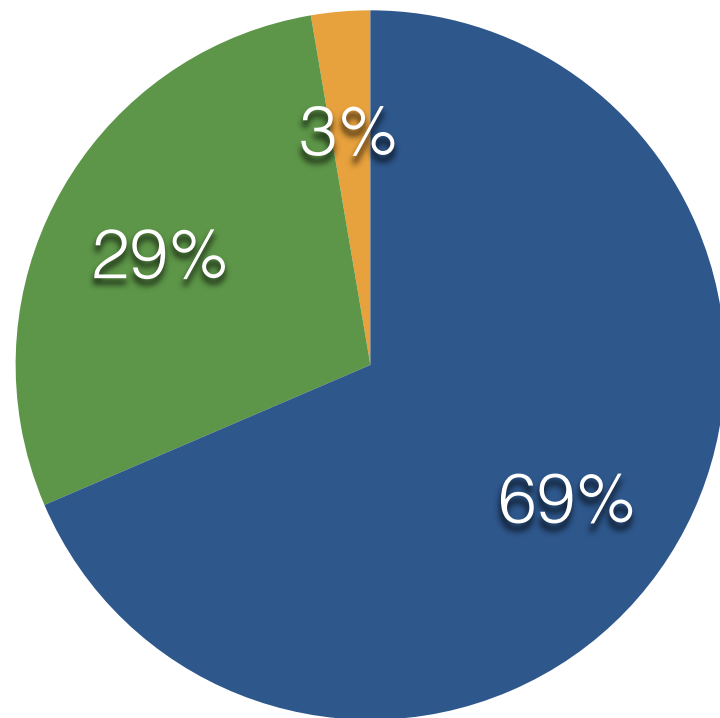


1154 total participants, 60 countries

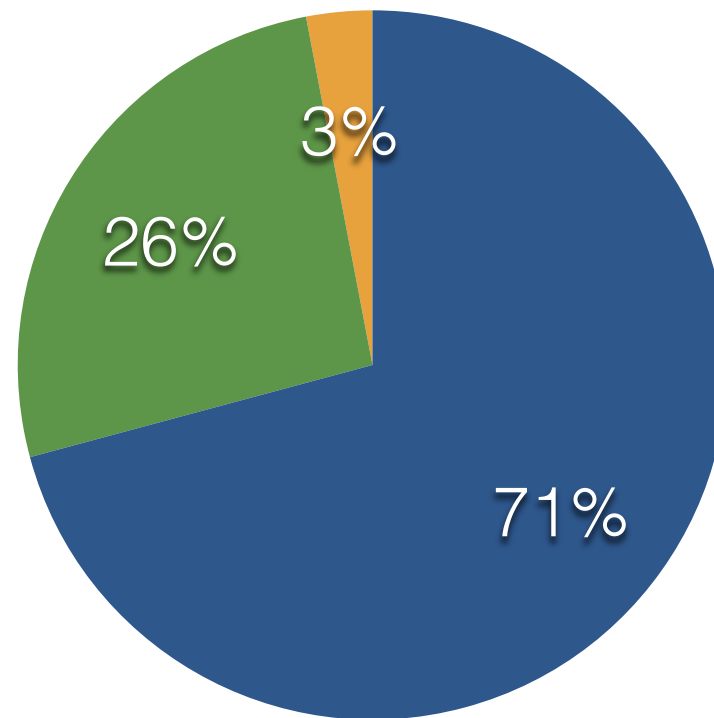
Demographics of participants

● Male ● Female ● Rather not say

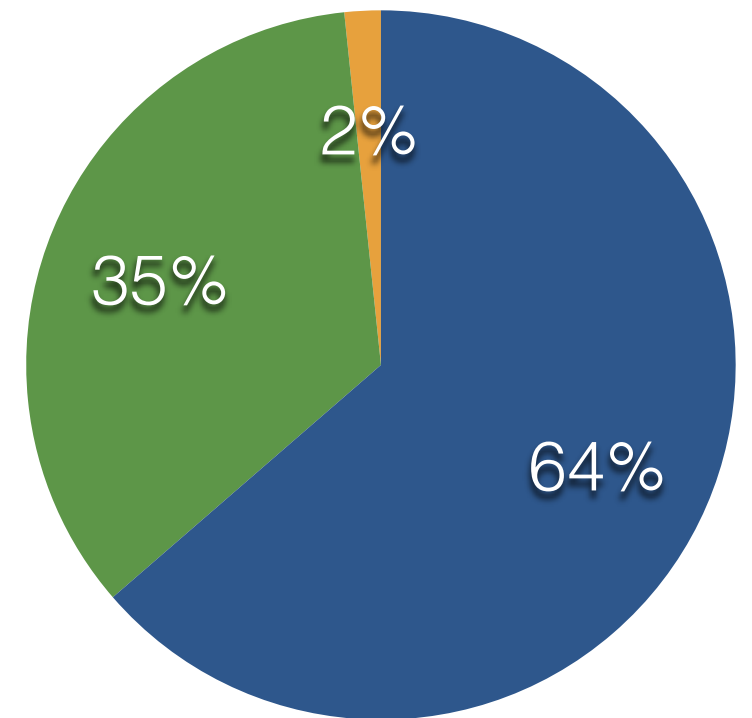
Participants: 1154



Speakers: 233



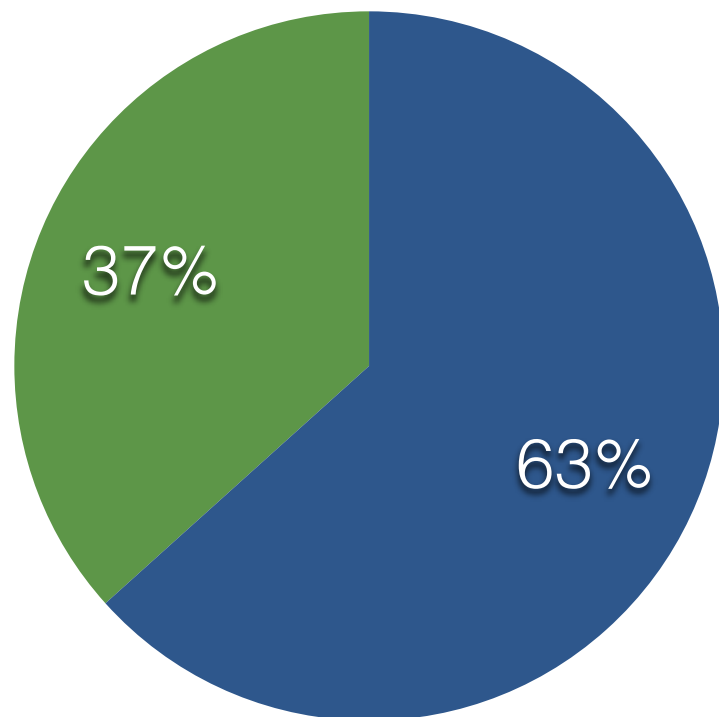
Posters: 121



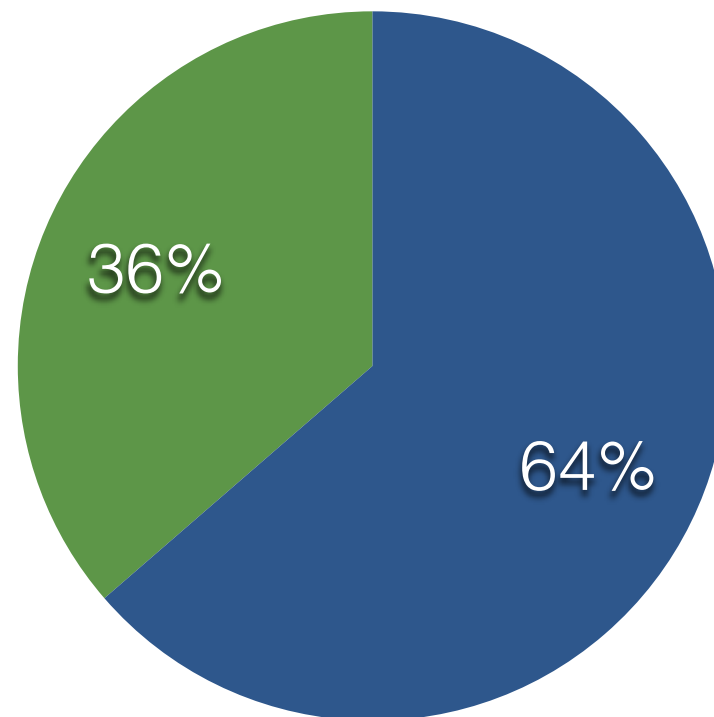
Demographics of organisers

● Male ● Female

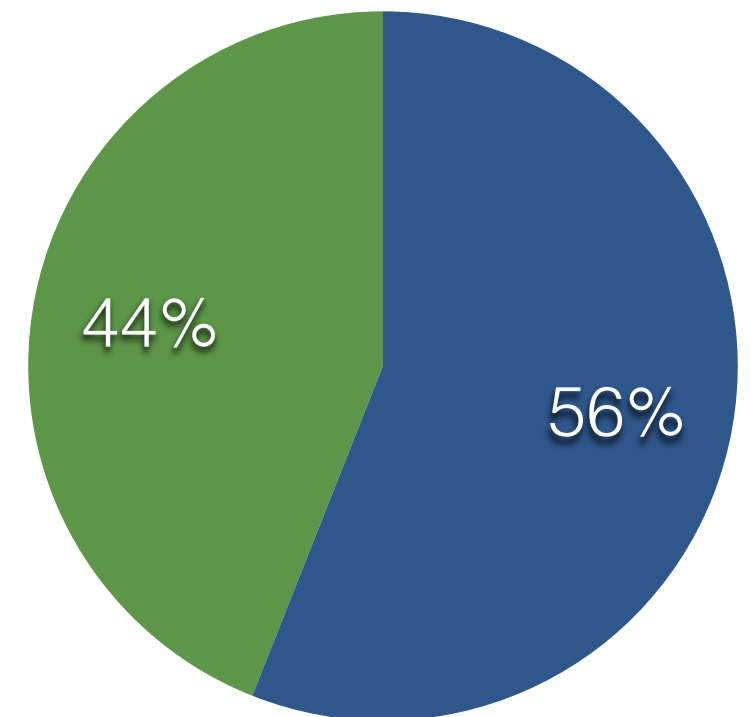
International advisory
committee: 40



Program committee:
22



Parallel session
conveners: 50



Outlook

- ▷ Despite efforts by the Taipei team, the 2022 edition had to be online
 - Many thanks to all of the organising team, especially **Kai-Feng Chen, Cheng-Wei Chiang** (local co-chairs), and **Pai-hsien Jennifer Hsu** (scientific secretary) for the relentless efforts running the conference online on the European time schedule
 - Local team has given availability to host an in-person edition in the near future
 - similar availability also by the Paris team
 - Plan to recover rotation by having LHCP out of Europe in odd years
 - EPS held in odd years
- ▷ IUPAP policy adopted for the attendance of scientists from Russia and Bielorrussia during these difficult times affecting lives of many Ukrainian colleagues and also the scientific collaborations worldwide
- ▷ Many thanks to IUPAP for their continuing generous support for LHCP
 - IUPAP funding supported early-career scientists through best poster prize (5 total) and professional closed-captioning
 - As we go back to in-person next year support participation of early-career scientists and students to attend, give talks and present posters, and increase accessibility