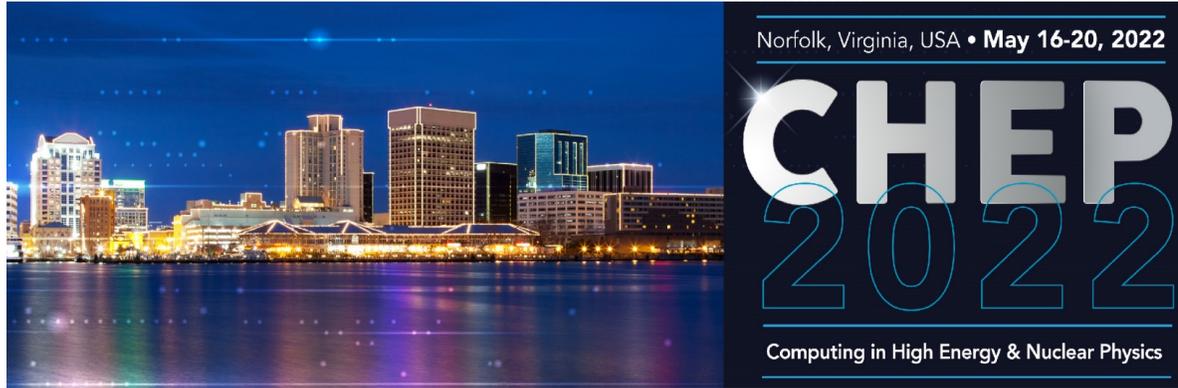


25th & 26th International Conference on Computing in High Energy and Nuclear Physics



vCHEP2021

Chairs: Simone Campana, Graeme Stewart (CERN)

CHEP2022

Chairs: Amber Boehnlein , Graham Heyes (Jefferson Lab)

Contact: chep2022-chairs@jlab.org

Website: <https://www.jlab.org/conference/CHEP2022>

- The CHEP conference is an ongoing series normally held roughly every 18 months in a rotation between locations in Europe, North America and other regions.
- CHEP provides a unique opportunity for computing experts across Particle and Nuclear Physics to come together to learn from each other. The focus of the conference evolves with time to highlight:
 - Changing technologies.
 - Major scientific initiatives.
- The 24th CHEP was CHEP 2019, held in Adelaide, Australia in November 2019.
- Thomas Jefferson National Accelerator Facility (Jefferson Lab) planned to host the 25th CHEP, in May 2021 in Norfolk, Virginia, USA.
 - Jefferson Lab is a nuclear physics laboratory and is working to increase representation at CHEP from the international nuclear physics community.

Scientific quality, international character and diversity

- CHEP is the only conference series that addresses this set of issues in scientific computing for experimental physics and as such draws the experts in the field.
 - Normal participation is over 600 from around the world, it is truly international.
- Through the plenary program, related scientific and computing topics are presented to ensure a broad and thoughtful program that engages the community.
- The nine parallel session tracks often have very animated discussions on technical merits of various approaches.
 - BoF sessions promote international communities of common interest.
 - The program includes a diversity event.
- The International Advisory committee has representatives from across Europe, Asia and North America, the committee membership is posted on the conference web site.



	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
09:00							
09:30		Workshop	Plenary	Plenary	Plenary	Plenary	Plenary
10:00							
10:30							
11:00					Plenary		
11:30			Parallel	Parallel		Parallel	Plenary
12:00	Workshop Registration	Workshop			Lunch		
12:30			Lunch	Lunch		Lunch	
13:00					Excursions		
13:30	Workshop						
14:00						Parallel	
14:30			Parallel	Parallel			
15:00							
15:30				Poster A		Poster B	
16:00	Workshop						
16:30			Plenary	Parallel		Plenary	
17:00							
17:30	Workshop Reception						
18:00		Public Event					
18:30			Reception			Dinner	
19:00							
⋮							

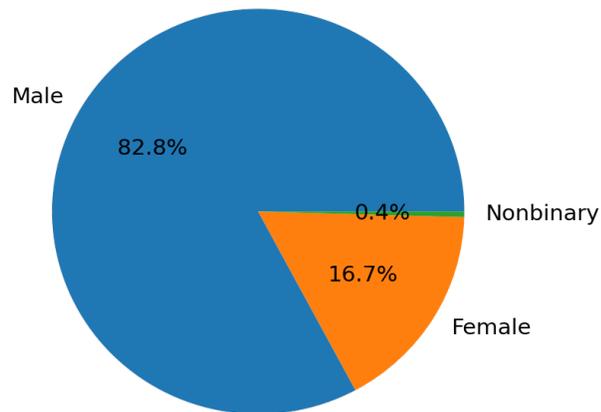
A change in plan

- As 2020 progressed it became increasingly clear that it would be impossible to hold an in-person conference as planned in May 2021.
- The IAC considered several options, cancel, postpone, hybrid, all virtual.
 - The hotel contract had a large financial penalty to cancel.
 - The City of Norfolk persuaded the hotel to accept postponement of the physical conference until May 2022.
 - The IAC was concerned that 2.5 years between CHEP19 and CHEP22 would cause hardship to researchers who depend on CHEP to publish papers.
 - CERN offered to put together a purely virtual vCHEP 2021 in May 2021 to fill the gap.
 - Since the argument for the vCHEP was to enable publication, the organizers required a paper up front before acceptance of a presentation.
 - Announced November 2020 final paper revisions for proceedings June 2021 – rapid turnaround and kudos to Simone and Graeme for pulling it off!

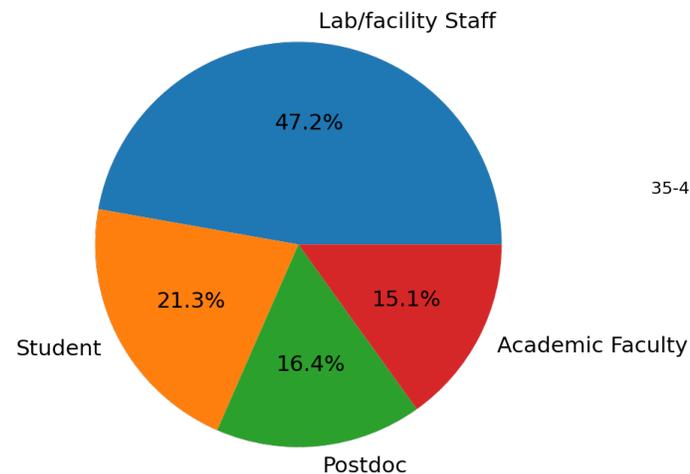
The 25th CHEP – the vCHEP - demographics

- In total 1144 people registered for vCHEP
 - 185 people registered after the event had started
- Registration optionally asked about age, gender and career stage.
 - About 20% of people declined to answer the questions
 - Student participation in Adelaide was 11.1% and 21.3 at vCHEP
 - Generally younger participation than Adelaide.
 - A similar profile to Sofia.

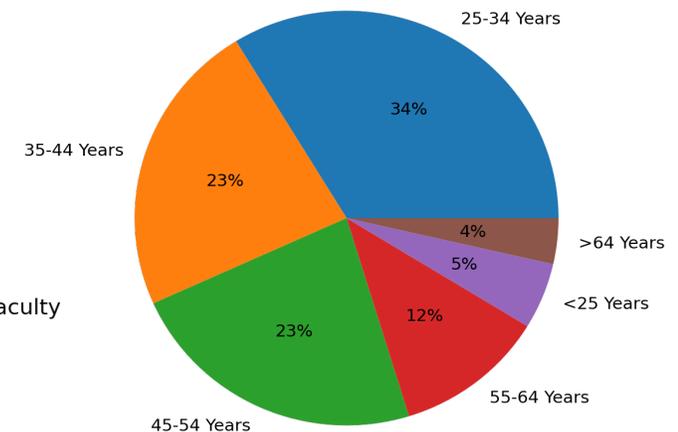
vCHEP2021 Gender (declared)



vCHEP2021 Career (declared)

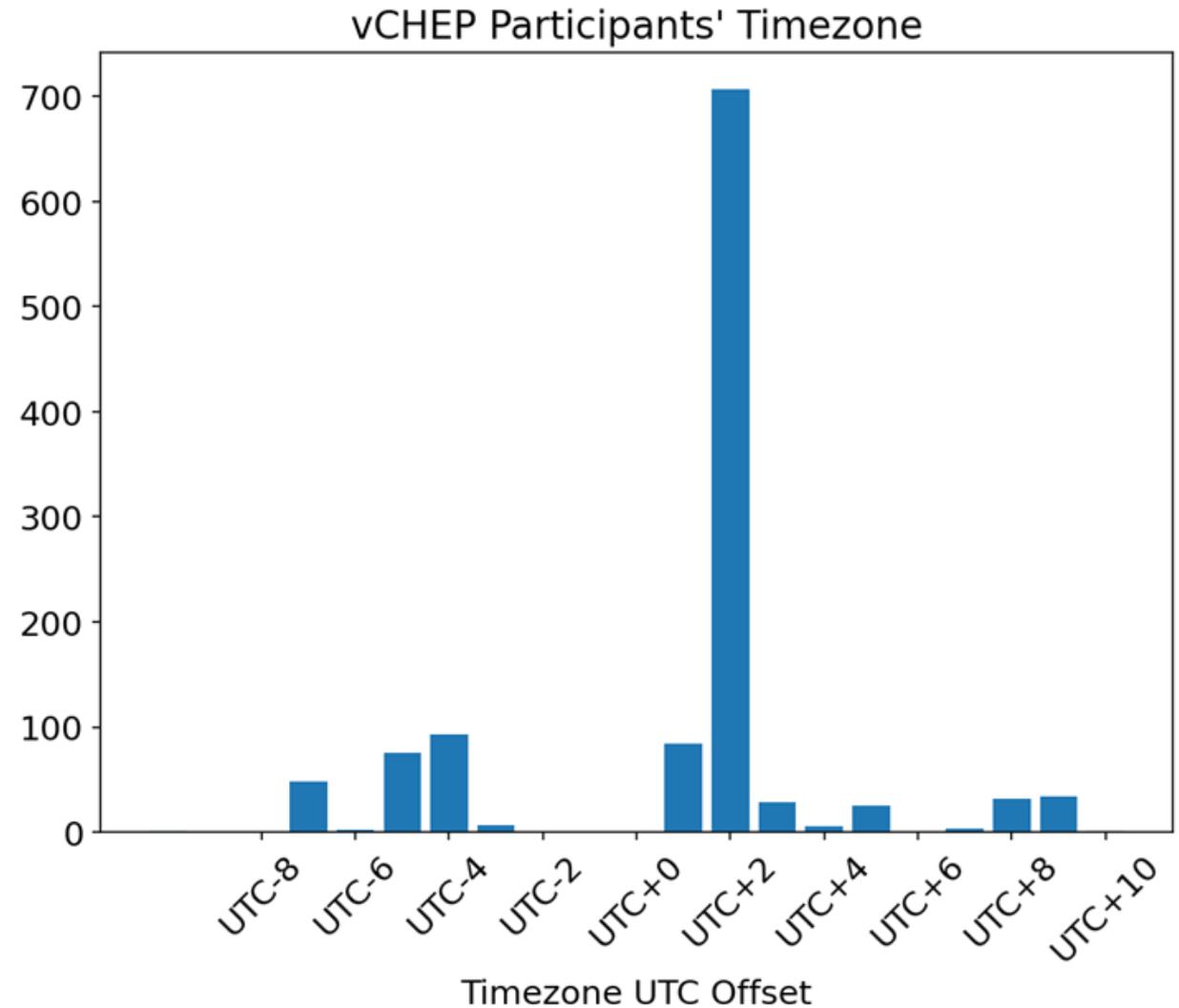
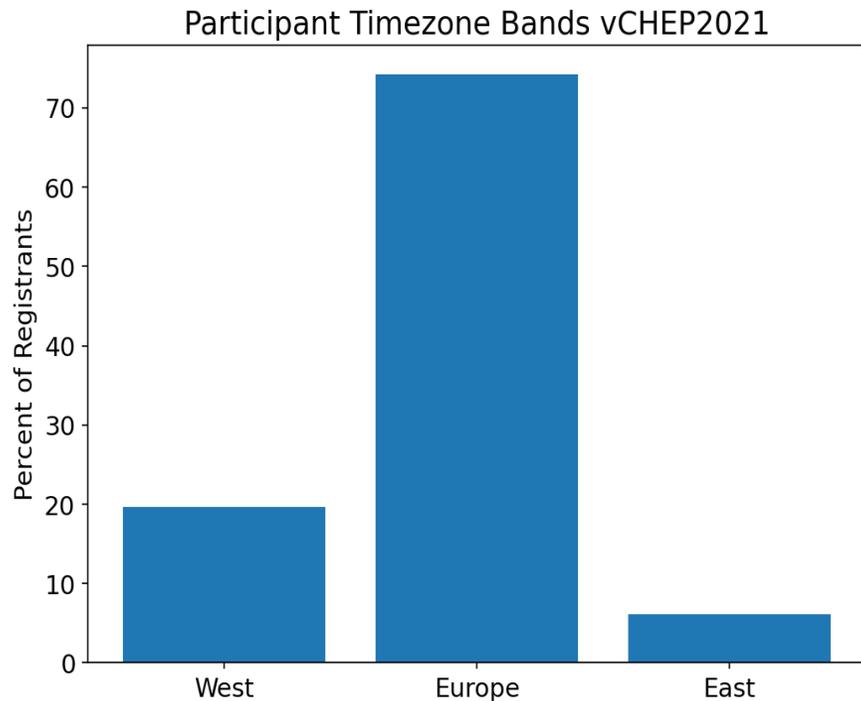


Age Group



Participant Timezone

- vCHEP was dominated by participation from Europe
- This fed into the session organization, which may have amplified the effect



Key messages from vCHEP experience

- Registration was larger than usual (as most online conferences).
 - Attendance was also very good (500 people peak, comparable to a in-person CHEP)
- Participation was worldwide, with peaks from Europe, also linked to the time zone.
- Gender diversity is still very skewed toward male attendance (in line with other CHEPs), while there is more balance if looking at early career participants
- We got very good feedback in the survey about the scientific program.
 - People eventually appreciated the idea of papers in advance as a way to ensure more quality and a way to speed up the publication of the proceedings afterwards.
- The process regarding the proceedings is basically finished for EPJ only 2 months after the conference.
 - Extremely fast compared for other CHEPs .
- People appreciated the idea of publishing the best papers (11 in total) in CSBS, a peer-reviewed journal. That process is not yet finished but scheduled to finalize in late September.
- A virtual conference on this scale stretched the resources even of CERN.

CHEP 2022

- The planned venue for CHEP2022 is the Marriott Waterside Hotel in downtown Norfolk, Virginia.
- The plan is basically unchanged from the original CHEP2021 plan.
- It is still not clear at this time if we will have to modify our plans again. There may be:
 - Restrictions on travel.
 - Unwillingness by participants to attend in person.
- Feedback from the vCHEP indicates JLab does not have the resources to host a purely virtual CHEP.
- The cost of a hybrid event hosted from the hotel would lead to an unacceptably high fee.
 - Some IAC members disagree with charging a fee for virtual attendance.
- Currently we must assume that there will be a conference in Norfolk next May.
 - Abstract submission and registration opened this week.
 - The first bulletin and call for papers has been sent out.

