

Welcome to

OFFSHELL 2021

THE VIRTUAL HEP
CONFERENCE

RUN 4

HL LHC

Idea of the conference

- Just before the COVID pandemic, we thought it would be nice to have a virtual only conference to save environmental costs and be more inclusive
 - Two years later, many conferences became online... but still different formats and approaches can be tested
 - With more than 120 participants and 20 contributions, we think that the inclusiveness aspect can be considered as being successfully implemented
- The High-Luminosity LHC Program will shape the field of particle physics for another decade
 - We cannot repeat only what was done before, but we must come up with new ideas in order to have a vibrant active field also in the future
 - This conference should be the starting point to promote new ideas
 - EPJ-C agreed to publish a series of dedicated papers on those ideas, which have been reviewed before (these are full papers and not proceedings)
 - This should (and has) encourage(d) us to really think new ideas through and get them to paper
- We want to play and test a few approaches to make virtual conferences a success also in the future
 - 2 time blocks live (West-US & Europe vs. East-US & Asia)
 - virtual room for discussions

Programme of the conference

- Three days with three ~topical sessions:
 - Unexplored ideas for ALICE, ATLAS, CMS and LHCb →
 - Physics at LHC Experiments and Beyond →
 - New Detector and Reconstruction Methodologies, Machine Learning and Computing at HL-LHC →
- Additionally
 - Poster and social/networking session →
- Highlights
 - Theoretical (today) and experimental keynotes (3rd day)

Indico

Indico layout is a bit tricky for two time zones

Block A

5:30 - 9:30 PST

8:30 - 12:30 EST

14:30 - 18:30 CEST

21:30 - 1:30 CST

Block B

15:30 - 19:30 PST

18:30 - 22:30 EST

0:30 - 4:30 CEST

7:30 - 11:30 CST

Block A - Day 1

Block B

Timetable

Timetable

Live or recorded?

scroll

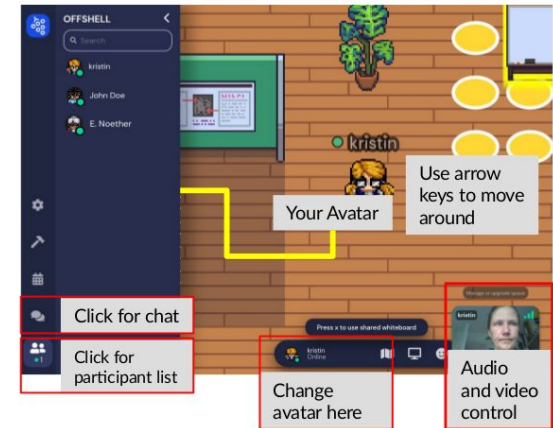
Block A - Day 2

Interactive Poster session

- Using virtual networking platform
- Link: <https://gather.town/app/DnmVCqRkBnGYAmIK/OFFSHELL>
- More instructions: <https://cernbox.cern.ch/index.php/s/3NquKpfmRPD7Li>
- It is not only a nice experience to see and discuss posters, but also a super opportunity to meet the other participants



Moving around and communicating



Best Paper and best Poster Award

- You might have noticed that this conference is different than other HEP conferences:
 - No proceedings but real papers
 - The papers must be ready before the conference
 - The selected contributions are selected based on new ideas, which have been detailed out before the actual conference
- This has been the case in other fields of science already since long; and they also have best paper and best poster awards
 - The conference organization will select the best paper and the best poster during the conference and will award the winning teams with 300€ plus a certificate
 - This should cover a nice dinner
 - Sponsored by the Johannes Gutenberg University of Mainz



Conference Organization

The conference has received funding from UKRI-STFC



Any questions, comments or technical difficulties? Please do not hesitate to contact the Offshell-2021 conference organizers: offshell2021-conf@cern.ch

- Alberto Belloni
- Kingman Cheung
- Jan Fiete Grosse-Oetringhaus
- Stefania Gori
- Kristin Lohwasser
- Stathes Paganis
- Matthias Schott
- Mika Anton Vesterinen
- Chilufya Mwewa



Chilufya Mwewa
chilufya.mwewa@cern.ch



Stathes Paganis
stathes.paganis@cern.ch



Jan Fiete
Grosse-Oetringhaus
jgrosseo@cern.ch



Matthias Schott
schottm@uni-mainz.de



Kingman Cheung
kingman.cheung@cern.ch



Stefania Gori
sgori@ucsc.edu



Mika Vesterinen
mika.vesterinen@cern.ch



Alberto Belloni
Alberto.Belloni@cern.ch



Kristin Lohwasser
k.lohwasser@sheffield.ac.uk