

Session Program

July 28, 2020 to August 6, 2020

ICHEP 2020

Education and Outreach

virtual conference

Tue, July 28

3:30 PM

Education and Outreach: Session I - Premiere

Session | **Location:** virtual conference | **Conveners:** Miroslav Myska, Steven Goldfarb

15:30 - 15:50

The International Particle Physics Outreach Group - Reaching Across the Globe with Science

Speaker

Steven Goldfarb

15:50 - 16:10

Current Status of International Particle Physics Masterclasses

Speakers

Uta Bilow, Kenneth William Cecire

16:10 - 16:30

Netzwerk Teilchenwelt: Coordinated Outreach and Recruitment of Young Talents in Germany

Speaker

Uta Bilow

16:30 - 16:50

Global Cosmic

Speaker

Nicolas Arnaud

16:50 - 17:20

Coffee Break

17:20 - 17:40

ATLAS Virtual Visits - Take part from anywhere in the world

Speaker

Ben Carlson

17:40 - 18:00

CMS Virtual Visits: engaging audiences worldwide into conversation about cutting edge science

Speaker

Cecilia Uribe Estrada

18:00 - 18:20

Getting the public closer to the experimental facilities: How Virtual Reality helps HEP experiments engage public interest

Speaker

Ana Peixoto

18:20 - 18:40

Development of Mixed Reality Software Applications for the ATLAS Experiment

Speaker

Mariam Pirtskhalava

18:40 - 19:00

The ATLAS public website - Evolution to Drupal 8

8:30 PM

Speaker
Meirin Oan Evans

Wed, July 29

8:00 AM

Education and Outreach: Session I - Replay

Session | **Location:** virtual conference

1:00 PM

3:30 PM

Education and Outreach: Session II - Premiere

Session | **Location:** virtual conference | **Conveners:** Marzena Lapka, Miroslav Myska

15:30 - 15:50

CMS in your pocket: between serious game and demonstration tool

Speaker

Pierre Van Hove

15:50 - 16:10

Development of Web-Based Detector Display Application Tracer for ATLAS Experiment

Speaker

Levan Khelashvili

16:10 - 16:30

In pursuit of authenticity - CMS Open Data in education

Speaker

Peitsa Veteli

16:30 - 16:50

ATLAS Open Data at 13TeV - The journey to a fully educational HEP dataset

Speaker

Dr Kate Shaw

16:50 - 17:20

Coffee Break

17:20 - 17:40

The University of Michigan Semester Research Program at CERN

Speaker

Steven Goldfarb

17:40 - 18:00

An Outreach to the Public: Science of the Large Hadron Collider Exhibit

Speaker

Andrei Gritsan

18:00 - 18:20

Astroparticle Physics Outreach Program for High-School Students

Speaker

Carla Aramo

18:20 - 18:40

ENGAGING DIVERSE AUDIENCES WORLDWIDE TO THE QUEST FOR GRAVITATIONAL WAVES

Speaker

Dr Nicolas Arnaud

8:30 PM

Thu, July 30

1:00 AM

6:00 AM

8:00 AM

Education and Outreach: Session II - Replay

Session | **Location:** virtual conference

Education and Outreach: Session III - Premiere

Session | **Location:** virtual conference | **Conveners:** Steven Goldfarb, Despina Hatzifotiadou

08:00 - 08:20

Communicating ATLAS - Reaching new audiences

Speaker

Katarina Anthony

08:20 - 08:40

Social media and storytelling: tools to raise engagement with physics

Speaker

Valentina Scotti

08:40 - 09:00

Engaging the youth in programming and physics through an online educational activity

Speaker

Piotr Traczyk

09:00 - 09:20

ATLAS, Play! - Teaching particle physics through educational games

Speaker

Sascha Mehlhase

09:20 - 09:50

Coffee Break

09:50 - 10:10

Education initiatives in the experimental area of the Trento Proton Therapy Center (Italy)

Speaker

Dr Benedetto Di Ruzza

10:10 - 10:30

THE ITALIAN SUMMER STUDENTS PROGRAM AT THE FERMI NATIONAL ACCELERATOR LABORATORY

Speaker

Simone Donati

10:30 - 10:50

Spreading interest in particle physics among high-school students - What matters?

Speaker

Sarah Maria Zochling

10:50 - 11:10

Study on the career trajectories of people with a working experience at CERN

1:00 PM
3:30 PM
8:30 PM

Speaker
Jeremi Niedziela

Education and Outreach: Session III - Replay
Session | **Location:** virtual conference

Fri, July 31

8:00 AM

Education and Outreach: Session IV - Premiere

Session | **Location:** virtual conference | **Conveners:** Despina Hatzifotiadou, Marzena Lapka

08:00 - 08:20 **ATLAS public engagement: The CERN Open Days experience**

Speaker

Anna Sfyrla

08:20 - 08:40

Transforming the CMS Experiment site into a family village during CERN Open Days 2019

Speaker

Marzena Lapka

08:40 - 09:00

The engagement of ALICE with the public during CERN Open Days 2019

Speaker

Despina Hatzifotiadou

09:00 - 09:20

A taste of particle physics

Speaker

Katharine Leney

09:20 - 09:50

Coffee Break

09:50 - 10:10

Creative science|arts pedagogies for the next generation of physicists

Speaker

Konstantinos Nikolopoulos

10:10 - 10:30

Cultural Collisions, a cross disciplinary science education format

Speaker

Michael Hoch

10:30 - 10:50

Physics and Rock'n'Roll : Expanding to New Audiences

Speakers

Connie Potter, Roger Jones, Chris Thomas

10:50 - 11:10

Elegance of fundamental laws of physics - outreach potential

Speaker

Dr Ivan Melo

1:00 PM

3:30 PM

8:30 PM

Education and Outreach: Session IV - Replay

Session | **Location:** virtual conference