

**Session Program**

**28 July 2020 to 6 August 2020**

**ICHEP 2020**

***Education and Outreach***

virtual conference

## Tuesday 28 July

15:30

### 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

20:30

**Speaker**  
Meirin Oan Evans

# Wednesday 29 July

08:00

## Education and Outreach: Session I - Replay

**Session** | **Location:** virtual conference

13:00

15:30

## Education and Outreach: Session II - Premiere

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

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

20:30

# Thursday 30 July

01:00

06:00

08:00

## Education and Outreach: Session II - Replay

**Session** | **Location:** virtual conference

## Education and Outreach: Session III - Premiere

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

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

13:00  
15:30  
20:30

**Speaker**

Jeremi Niedziela

**Education and Outreach: Session III - Replay**

**Session** | **Location:** virtual conference

## Friday 31 July

08:00

### 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

13:00

15:30

20:30

### Education and Outreach: Session IV - Replay

**Session** | **Location:** virtual conference