

Session Program

17-24 Jul 2024

ICHEP 2024

Education and Outreach

Prague

Thursday 18 July

08:30

Education and Outreach: Education and Outreach

Session | **Location:** Club C | **Conveners:** Connie Potter, David Barney, Miroslav Myska

08:30–08:45 **IPPOG and spin-offs from particle physics**

Speaker

Yiota Foka

08:45–09:00 **Virtual tours and videogames to showcase the ATLAS experiment**

Speaker

Kristin Lohwasser

09:00–09:15 **Exographer, a videogame based on particle physics**

Speaker

Raphael Granier De Cassagnac

09:15–09:30 **Leveraging virtual reality for visualising the CMS detector**

Speaker

Muhammad Ansar Iqbal

09:30–09:45 **Visiting CMS from your living room (virtually!)**

Speaker

Noemi Beni

09:45–10:00 **Sci-me! - board game and card game from the life of a scientist**

Speaker

Michal Jex

10:00–10:15 **Open discussion**

10:15

10:45

Education and Outreach: Education and Outreach

Session | **Location:** Club C | **Conveners:** David Barney, Connie Potter, Miroslav Myska

10:45–11:00 **Particle Pâtisserie: Communicating Particle Physics with Cakes**

Speaker

Katharine Leney

11:00–11:15 **Belinspired - The Art and Science Project**

Speaker

Michael Hoch

11:15–11:30

"Art & Science across Italy": a journey between Science and Art in high schools

Speaker

Giuliana Galati

11:30–11:45

The Cosmic Piano, a high energy physics detector for outreach purposes

12:30

14:30

16:15

<p>Speaker Hector David Regules Medel</p>
<p>11:45-12:00 When physicists met novelists : the success story of Collision</p> <p>Speaker Connie Potter</p>
<p>12:00-12:15</p> <p>Learning Astronomy Through An Immersive Science Fiction Experience</p> <p>Speaker Sean Lindsay</p>
<p>12:15-12:30 Open discussion</p>
<p>Education and Outreach: Education and Outreach Session Location: South Hall 2B Conveners: Connie Potter, David Barney, Miroslav Myska</p>
<p>14:30-14:45 Crowd-sourced particle physics stories from DESY-CMS</p> <p>Speaker Lucia Ximena Coll Saravia</p>
<p>14:45-15:00 The new digital landscape: perspectives from CERN</p> <p>Speaker Daniela Antonio</p>
<p>15:00-15:15 Physics Beyond Colliders Communications Strategy</p> <p>Speaker Kristiane Bernhard-Novotny</p>
<p>15:15-15:30 Engaging Young Minds with Particle Physics</p> <p>Speaker David Borgelt</p>
<p>15:30-15:45 European Researchers' Night: the INFN experience in Italy</p> <p>Speaker Livia Soffi</p>
<p>15:45-16:00 The First Release of ATLAS Open Data for Research</p> <p>Speaker Mariana Isabel Vivas Albornoz</p>
<p>16:00-16:15 Open discussion</p>

Friday 19 July

14:30

Education and Outreach: Education and Outreach

Session | **Location:** Club D | **Conveners:** Miroslav Myska, David Barney, Connie Potter

14:30–14:45

Outreach, educational activities and communication of the ALICE collaboration

Speaker

Simone Ragoni

14:45–15:00

Outreach, Education, and Communication Initiatives at the Pierre Auger Observatory

Speaker

Viviana Scherini

15:00–15:15

Campus Cosmic-ray Observation Practice and Its Reflections

Speaker

Prof. Wenli Zheng

15:15–15:30

Communicating DUNE Science to the Public

Speaker

Andrew Chappell

15:30–15:45

Quantum: an innovative exhibition to tell the public about Quantum Mechanics

Speaker

Francesca Scianitti

15:45–16:00

Presenting to the public and media: some hits and tips

Speaker

David Barney

16:00–16:15

Open discussion

16:15

16:45

Education and Outreach: Education and Outreach

Session | **Location:** Club D | **Conveners:** David Barney, Connie Potter, Miroslav Myska

16:45–17:03

Developing 14-18 Year Old's Interest and Participation in Physics by Training them to Deliver Outreach to Primary School Children

Speaker

David Williams

17:03–17:16

Undergraduate Research at CERN - Programs for U.S. and Ukrainian Students

Speaker

Steven Goldfarb

17:16-17:29 **The Czech Particle Physics Project**

Speaker

Andre Sopczak

17:29-17:42

Bringing research, education and outreach into dialogue: the INFN-INSPYRE school case study

Speaker

Adriana Postiglione

17:42-17:55

The OCRA INFN program to bring students and teachers into the fascinating world of cosmic rays

Speaker

Dr Carla Aramo

17:55-18:30 **Open discussion**

18:30