



Contribution ID: 759

Type: **Parallel session talk**

Engaging Youth - Education and Outreach for ages 0-18

Wednesday 23 August 2023 16:45 (15 minutes)

Engaging young children in physics research is particularly challenging but offers unique educational potential. Outreach and engagement at an early age has been demonstrated to be key to increasing awareness of physics and to increasing diversity in the field in later years. We present a variety of activities and resources developed by the ATLAS Collaboration targeting this demographic, including the ATLAS Baby Book, ATLAS Colouring Books, ATLAS Activity Sheets, Lego models and more. The ATLAS Collaboration also provides a range of educational opportunities appropriate for classroom engagement. Here we present details of the exhibits/features and use of the new ATLAS Visitors Centre at CERN –the most visited external visitor site at CERN –as well as an overview of the highly-successful Virtual Visit programme bringing CERN and the ATLAS experiment to tens of thousands of people. We also present an overview of ATLAS contributions to international Masterclasses and showcase resources such as ‘Cheat Sheets’ and ‘Fact Sheets’, which are intended to cover key topics of the work done by the ATLAS Collaboration and the physics behind the experiment for a broad audience of all ages and levels of experience.

Collaboration / Activity

Outreach

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