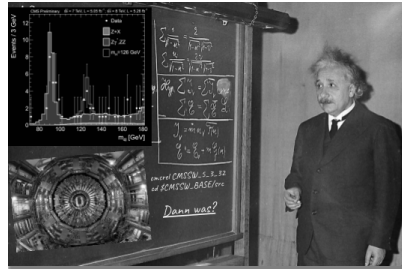


REMOTE CMS Open Data Workshop for Theorists at the LPC



Contribution ID: 7

Type: not specified

The Future is Open: Adventures with Public Collider Data

Wednesday, 30 September 2020 16:00 (1 hour)

Fermilab employees and users can access the Zoom link below (Services login required):

<https://fermipoint.fnal.gov/org/LabLeadership/Shared%20Documents/Zoom%20link%20for%20colloquium.docx?d=wddecabdd5efe4>

Please note: you will need the passcode to enter the zoom

Anyone else can obtain the Zoom link the day of the colloquium by emailing Barb Kronkow at kronkow@fnal.gov

In November 2014, the CMS experiment at the Large Hadron Collider made the unprecedented move of releasing research-grade particle physics data for unrestricted use. I am a theoretical particle physicist, and for the first time, I had access to real collision data from a cutting-edge experiment, as well as an opportunity to demonstrate the scientific value of public data access. Over the past six years, my research group has carried out a number of innovative analyses using the CMS Open Data. In this colloquium, I highlight some of our research successes as well as some of the challenges we faced using public collider data to explore physics in and beyond the Standard Model.

Presenter: THALER, Jesse (MIT)