

Particle Physics Course-based Research Experience During Remote-Learning

Tuesday, 13 July 2021 15:30 (15 minutes)

Simulating Particle Detection (SPD) stream is a research program within UMD's FIRE, a gen-ed sequential course-based undergraduate research experience program. SPD introduces undergraduate students to experimental high energy particle physics. It concentrates on computing, data analysis and visualization, specifically using simulations of the upgrade calorimeters (HGCal) of the CMS experiment at CERN. After an introduction to the stream's wide-range research outcomes, pedagogical principles, and diverse community, I will share my experiences from the measures taken for the challenges imposed by the remote-learning period during the pandemic.

Are you are a member of the APS Division of Particles and Fields?

Yes

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Session Classification: Education and Outreach

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