

## **Pythia8: Dark Showers and community input**

*Thursday, 13 August 2020 12:25 (20 minutes)*

The Hidden Valley (HV) scenario was developed in Pythia8 to allow the study of visible consequences of radiation in a hidden sector. Furthermore, the complications of hadronization within the Lund string model were addressed. This demonstrates that Pythia8 is flexible enough to handle such models. A dialogue between BSM theorists and event generator practitioners could lead to an accord that would allow the implementation of such models in a streamlined way.

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**Session Classification:** Discussion