

Contribution ID: 507

Type: not specified

The versatility of flow-based fast calorimeter surrogate models

Tuesday 14 May 2024 14:45 (15 minutes)

Normalizing flows have proven to be state-of-the-art for fast calorimeter simulation. With access to the likelihood, these flow-based fast calorimeter surrogate models can be used for other tasks such as unsupervised anomaly detection and incident energy regression without any additional training costs.

Mini Symposia (Invited Talks Only)

Authors: NACHMAN, Ben (Lawrence Berkeley National Lab. (US)); Dr KRAUSE, Claudius (HEPHY Vienna (ÖAW)); SHIH, David; DU, Haoxing; PANG, Ian; MIKUNI, Vinicius Massami (Lawrence Berkeley National Lab. (US)); ZHU, Yunhao

Presenter: PANG, Ian

Session Classification: Machine Learning & AI

Track Classification: Machine Learning & AI