

# Phenomenology 2020 Symposium



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## Delaunay Tessellations for Bayesian Wombling on LHC Data

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The relevant information from LHC collision events can be represented as spatial point data in a suitable phase space. The observation of sharp discontinuities in the observed event number density would hint at the presence of new physics beyond the Standard Model. We apply and further improve upon some known wombling techniques from other fields. In the process we refine some of the known methods of calculating gradients from point data.

### Summary

Data analysis technique for discovering BSM signals.

**Primary authors:** ROMAN, Alex (University of Florida); MATCHEV, Konstantin (University of Florida (US)); SHYAMSUNDAR, Prasanth (University of Florida)

**Presenter:** ROMAN, Alex (University of Florida)

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