



Contribution ID: 235

Type: **Parallel talks**

Genetic Algorithms as tools for BSM physics

Friday, 21 July 2023 11:00 (30 minutes)

Genetic Algorithms (GAs) are some of the most simple and effective search methods. In this talk I will demonstrate and review their effectiveness in various applications in BSM physics, including string searches, cosmology and phenomenological searches. For the latter I will emphasize the untapped potential for combining GAs with other search methods.

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Session Classification: Plenary Session