



Local Organising Committee

Alexander Belyaev  
Pasquale Di Bari  
Bowen Fu  
Stephen King (co-chair)  
Stefano Moretti (co-chair)  
Giovanna Sales  
Kostas Skenderis  
Nakorn Thongyoi

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.

**Author:** ABEL, Steven Adam (University of Durham (GB))

**Presenter:** ABEL, Steven Adam (University of Durham (GB))

**Session Classification:** Plenary Session