

The Fifth Gravi-Gamma-Nu workshop



Contribution ID: 14

Type: **Invited talk**

The gamma-ray analysis and modelling of the BOAT GRB 221009A

Wednesday, 9 October 2024 11:45 (30 minutes)

The brightest of all time (BOAT) GRB 221009A has been observed across all the electromagnetic spectrum. The observations of the BOAT in the MeV gamma-rays have revealed a presence of a new feature in the spectrum of the prompt emission - a narrow and variable MeV line. The early GeV and TeV observations have allowed for the detailed characterisation of the afterglow radiation of the BOAT. In this talk I will summarise the observations of the BOAT in the MeV-TeV gamma-rays. The new theoretical insights into the physics of the prompt and the afterglow radiation will be drawn from the unique data set of GRB 221009A.

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Session Classification: Day 1: Latest results