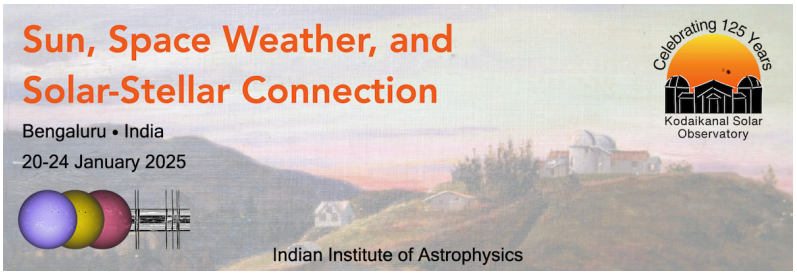

Contribution ID: **133** Type: **Poster**

Modulation in Cosmic Rays During a Period of Anomalously Low Solar Activity

A study of the long-term modulation of galactic cosmic rays in positive and negative phases of the 22-year solar magnetic cycle, including a period of anomalously low solar activity between 2008 and 2020 is performed. Solar magnetic field lines reconnect with galactic ones in the negative phases. In the positive phases, there is a magnetic barrier between these fields that must be considered when describing the modulation of galactic cosmic rays.

Contribution Type

Poster

Theme

Connecting Solar Corona to Heliosphere

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Session Classification: Poster Session-II / Coffee Break