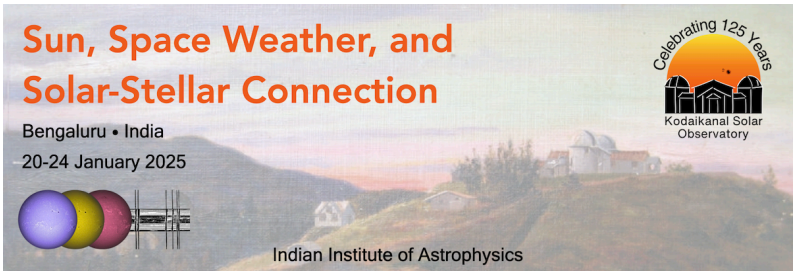

Contribution ID: **35** Type: **Poster**

Spectroscopy of Chromospheric Fibrils at High Resolution: DKIST Observations

We perform high resolution spectroscopy of chromospheric fibrils near a plage network observed with the DKIST ViSP spectropolarimeter. The physical properties of the fibrils are inferred with the novel inversion approach of machine learning and k-means clustering. We infer the temperature and density structure of the fibrils with optical depth and analyze their variation along the fibrils. Finally, we confront the plasma flows in the fibrils in terms of thermal nonequilibrium and/or siphon flow models.

Contribution Type

Poster

Theme

Solar Magnetism in High-Resolution

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