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Type: **Invited Talk**

3D MHD of Flares & Eruptions

Thursday, 2 March 2023 16:45 (21 minutes)

We discuss the current state of MHD modeling of solar flares and eruptions. We focus on models that yield synthetic observables accessible to current and future generations of remote sensing capabilities, such as MUSE, EUVST and ground-based observatories. A critical assessment of the successes and limitations of current models will be presented, as well as suggestions for paths going forward.

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Session Classification: Flares and Eruptions

Track Classification: Flares and Eruptions