RHESSI-20 Workshop: Preparing for the Next Decade in High-Energy Solar Physics Research



Contribution ID: 48

Type: not specified

Study of the White-light Emission During the X9.3 Flare on September 06, 2017

Thursday, 8 July 2021 18:35 (50 minutes)

Using data from SDO/HMI, Hinode/SOT, and LYRA instruments we study the white-light continuum emission during the X9.3 solar flare (SOL2017-09-06T11:53). Assuming that the emission is due to hydrogen Balmer and Paschen continua, we estimate the temperature evolution during that solar flare.

Email

jana.kasparova@asu.cas.cz

Primary authors: KASPAROVA, Jana (Astronomical Institute of the CAS); MRAVCOVA, Lucia; SVANDA,

Michal; JURCAK, Jan; HEINZEL, Petr

Presenter: KASPAROVA, Jana (Astronomical Institute of the CAS)

Session Classification: Working Group 1: Flare thermal response

Track Classification: Working Group 1: Flare thermal response