

2nd SUIIT Science Meeting – Jan 11-13, 2021

Monday 11, 2021

15:30 – 15:35 – Welcome and background for the meeting – [D. Tripathi](#)
15:35 – 15:40 – Remarks by the Director – [Prof Somak Raychaudhury](#)
15:40 – 15:45 – Remarks by Project Director – [Ms Nigar Shaji](#)
15:45 – 15:50 – Remarks – [A N Ramaprakash](#)
15:50 – 16:00 – Introduction to SUIIT and outline of the prime science goals – [D. Tripathi](#)
16:00 – 16:30 – Instrumentation detail, data structure and data pipeline – [A N Ramaprakash](#)
and [P. Sreejith](#)

16:30 – 17:00 – Break

17:00 – 17:30 – Performance modelling of SUIIT – [P. Sreejith/A. Ghosh](#)
17:30 – 18:00 – The Sun in the near UV as seen by Sunrise – [A. Gandorfer](#)
18:00 – 18:30 – Magnetic Context for SUIIT Observations from the Solar Surface to the
Corona: Data-driven Modelling Efforts at CESSI – [D. Nandi](#)

Tuesday 12, 2021

14:30 – 15:00 – Selected science questions that can be addressed by SUIIT – [S. Solanki](#)
15:00 – 15:30 – Solar irradiance variability in the UV and its role for stratospheric chemistry –
[N. Krivova](#)
15:30 – 16:00 – Short term and long-term morphological studies of prominences from SUIIT
– [D. Banerjee](#)

16:00 – 16:30 – Break

16:30 – 17:00 – Solar Flares and Prominence Eruptions using UV and X-ray Observations –
[Sankar Subramanian](#)
17:00 – 17:30 – Sunspot Evolution using SUIIT – [P. Sreejith](#)
17:30 – 18:00 – Potential role of solar f-mode in space weather forecasting – [N. Singh](#)
18:00 – 18:30 – Simultaneous spectral imaging MAST observations in Ca II 854.2 nm
(Chromospheric) and Fe I 617.3 nm (Photospheric) spectral lines – [Shibu Mathew](#)

Wednesday 13, 2021

14:30 – 15:00 – Chromospheric Heating by MHD Waves and Instabilities – [A. Srivastava](#)
15:00 – 15:30 – Chromospheric dynamics of magnetically channeled waves with Aditya-
L1/SUIIT and SDO/HMI – [Rajaguru](#)
15:30 – 16:00 – Study of Sunspot Waves and Oscillations with SUIIT/Aditya – [G. Gupta](#)

16:00 – 16:30 – Break

[16:30 – 18:00 – Business meeting](#)