

ALMA-FED 2021: ALMA Front End Development (Virtual) Conference 2021

Wednesday, September 29, 2021

Receivers (SIS): Wideband Technology development for ALMA receiver upgrades at NAOJ (1:00 PM - 1:05 PM)

-Conveners: Takafumi Kojima

Receivers (SIS): SIS based mixers development for radio astronomy (1:05 PM - 1:10 PM)

-Conveners: Kirill Rudakov

Receivers (SIS): On Extending the IF Bandwidth of ALMA Band # 6 SIS Mixers (1:10 PM - 1:15 PM)

-Conveners: Marian Pospieszalski

Receivers (SIS): ALMA Band 6v2 Receiver Upgrade (1:15 PM - 1:20 PM)

-Conveners: Alessandro Navarrini

Receivers (SIS): ALMA Band 6 Local Oscillator Noise Improvement (1:20 PM - 1:25 PM)

-Conveners: Kamaljeet Saini

Receivers (SIS): The status of SIS Process Development at GARD (1:25 PM - 1:30 PM)

-Conveners: Alexey Pavolotsky

Receivers (SIS): The development of low-noise, wide-band SIS mixer receivers based on a zero-IF architecture (1:30 PM - 1:35 PM)

-Conveners: Ray Blundell

Receivers (SIS): Discussion (lead: Neil Phillips) (1:35 PM - 2:00 PM)

-Conveners: Neil Phillips

Receivers (SIS): 4 - Receivers (SIS): Broad IF band vs. Broad RF Band (2:00 PM - 2:05 PM)

-Conveners: Victor Belitsky

Receivers (SIS): Development of a new wideband heterodyne receiver system (RF: 210–375 GHz, IF: 4–21 GHz) for the Osaka 1.85-mm mm-submm telescope (2:05 PM - 2:10 PM)

-Conveners: Toshikazu Onishi

Receivers (SIS): Development of Band 7+8 Cartridge Receiver (2:10 PM - 2:15 PM)

-Conveners: Jung-Won Lee

Receivers (SIS): On-going mixer developments at IRAM (2:15 PM - 2:20 PM)

-Conveners: Doris Maier

Receivers (SIS): Dual Band upgrade of NOEMA Receivers (2:20 PM - 2:25 PM)

-Conveners: Anne-Laure Fontana

Receivers (SIS): Developing for ALMA's future at NOVA (2:25 PM - 2:30 PM)

-Conveners: Ronald Hesper

Receivers (SIS): Discussion (lead: Kamaljeet Saini) (2:30 PM - 3:00 PM)

-Conveners: Kamaljeet Saini