

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

Wednesday, 29 September 2021

Receivers (SIS): Wideband Technology development for ALMA receiver upgrades at NAOJ (13:00 - 13:05)

-Conveners: Takafumi Kojima

Receivers (SIS): SIS based mixers development for radio astronomy (13:05 - 13:10)

-Conveners: Kirill Rudakov

Receivers (SIS): On Extending the IF Bandwidth of ALMA Band # 6 SIS Mixers (13:10 - 13:15)

-Conveners: Marian Pospieszalski

Receivers (SIS): ALMA Band 6v2 Receiver Upgrade (13:15 - 13:20)

-Conveners: Alessandro Navarrini

Receivers (SIS): ALMA Band 6 Local Oscillator Noise Improvement (13:20 - 13:25)

-Conveners: Kamaljeet Saini

Receivers (SIS): The status of SIS Process Development at GARD (13:25 - 13:30)

-Conveners: Alexey Pavolotsky

Receivers (SIS): The development of low-noise, wide-band SIS mixer receivers based on a zero-IF architecture (13:30 - 13:35)

-Conveners: Ray Blundell

Receivers (SIS): Discussion (lead: Neil Phillips) (13:35 - 14:00)

-Conveners: Neil Phillips

Receivers (SIS): 4 - Receivers (SIS): Broad IF band vs. Broad RF Band (14:00 - 14:05)

-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 (14:05 - 14:10)

-Conveners: Toshikazu Onishi

Receivers (SIS): Development of Band 7+8 Cartridge Receiver (14:10 - 14:15)

-Conveners: Jung-Won Lee

Receivers (SIS): On-going mixer developments at IRAM (14:15 - 14:20)

-Conveners: Doris Maier

Receivers (SIS): Dual Band upgrade of NOEMA Receivers (14:20 - 14:25)

-Conveners: Anne-Laure Fontana

Receivers (SIS): Developing for ALMA's future at NOVA (14:25 - 14:30)

-Conveners: Ronald Hesper

Receivers (SIS): Discussion (lead: Kamaljeet Saini) (14:30 - 15:00)

-Conveners: Kamaljeet Saini