

Broad IF band vs. Broad RF Band

Day 3: Receivers (SIS)

11:00 Wideband Technology development for ALMA receiver upgrades at NAOJ Takafumi Kojima invited

11:05 SIS based mixers development for radio astronomy Kirill Rudakov 6 contributed

11:10 On Extending the IF Bandwidth of ALMA Band # 6 SIS Mixers Marian Pospieszalski 6 invited

11:15 ALMA Band 6v2 Receiver Upgrade Alessandro Navarrini 6 invited

11:20 ALMA Band 6 Local Oscillator Noise Improvement Kamaljeet Saini 6 contributed

11:25 The status of SIS Process Development at GARD Alexey Pavolotsky 5-9 contributed

11:30 The development of low-noise, wide-band SIS mixer receivers based on a zero-IF architecture. Ray Blundell 5-8 invited

11:35 Discussion Neil Phillips

12:00

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 Toshikazu Onishi 6-7 invited

12:05 Development of Band 7+8 Cartridge Receiver Jung-Won Lee 7-8 contributed

12:10 On-going mixer developments at IRAM Doris Maier 2-7 invited

12:15 Dual Band upgrade of NOEMA Receivers Anne-Laure Fontana 2-7 contributed

12:20 Developing for ALMA's future at NOVA Ronald Hesper 9 invited

12:25 Calculation and Analysis software for SIS-Mixers Daniele Ronso Lima 9 contributed

12:30 Discussion Kamaljeet Saini

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