

Headline science in band 6

Friday, 2 June 2023 12:00 (15 minutes)

I will outline the key science drivers of SKA1-MID observations in the frequency range 15-25 GHz (and in some cases up to 50 GHz). Additionally I will summarize the “observatory landscape” (e.g., ngVLA, ALMA band 1, synergies with other southern hemisphere facilities) such a high-frequency capability would operate in. Finally, this talk would also aim to garner momentum for a document describing the interest of the Swiss scientific community in a MID B6 capability, building on the white paper already written by the SKA community at large in 2019/20 (“SKA1 Beyond 15GHz: The Science case for Band 6”; SKA memo 20-01).

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