

SKA-VLBI Key Science Programmes

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A significant fraction of the observing time with the two phase-I SKA components (SKA1-LOW & SKA1-MID) will be spent on Key Science Projects led by member country scientists. The various SKA Science Working Groups, including the VLBI Focus Group are in the process of defining KSPs that are aligned with the High Priority Science Objectives of the SKA. At the moment it is not clear how the special observing mode of SKA-VLBI - when the SKA1 components are phased-up and included in VLBI networks - could be incorporated in KSPs. Our VLBI community needs to be prepared by the time the KSP proposal calls are expected (early 2020s). I will talk about the various unique potential science cases and outline the possibilities for us to engage in SKA KSPs.