

Short annual report 2021-2022 (March 2021 – February 2022)

Commission B4

Over this last year, Commission B4 was pleased to support its related Working Groups. For the current triennium, the Working Group on Historical Radio Astronomy has evolved to be an inter-commission WG (B4-C3). A new Working Group for the "Global VLBI Alliance" was approved with mission and workplan for the triennium (2021-2024).

Together the commission and its Working Groups continue to develop a close and fruitful interaction with URSI. For the first time there was joint URSI-IAU session at the URSI General Assembly (GASS) in August 2021. Members of this commission convened a session entitled URSI J-IAU "Next generation radio astronomy, science & technologies". This session brought together URSI and IAU Commission B4 to explore the emerging technologies which will impact these major instruments and drive astronomy in the 2030s and beyond. The session was wide-ranging, looking to major trends in photonics, computing and multi-messenger physics, but also the raw reality of increasing billion-dollar telescopes.