

P130a BISTRO Project Status (3)

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BISTRO (B-field In STar forming Region Observations) is an international research project to make sub-millimeter linear polarization images of nearby star forming regions as one of the EAO/JCMT Large Programs that involves over a hundred researchers in Canada, China, Japan, Korea, Taiwan, UK, and the East Asian Observatory. The data taking is almost complete for the BISTRO sources (Orion A/B, rho Oph, Serpens Main, Perseus B1, IC5146, NGC1333, Taurus B211/213, L1495), and two papers have been published with several more submitted or in preparation in the international consortium. The JCMT SCUBA-2/POL-2 and the data reduction software achieve about an order of magnitude improvement of the dynamic range of the polarization images. This brings a breakthrough to our understanding to the role of magnetic field in star formation.