

P126a BISTRO Project Status (9)

Tetsuo Hasegawa¹, Ray Furuya², Doris Arzoumanian^{3,16}, Yasuo Doi⁴, Saeko Hayashi¹, Charles Hull¹, Tsuyoshi Inoue³, Shu-ichiro Inutsuka³, Kazunari Iwasaki¹, Akimasa Kataoka¹, Koji Kawabata⁶, Gwanjeong Kim¹, Masato Kobayashi³, Takayoshi Kusune¹, Jungmi Kwon⁸, Masafumi Matsumura⁹, Xing Lu¹, Tetsuya Nagata¹⁰, Fumitaka Nakamura¹, Hiroyuki Nakanishi¹¹, Takashi Onaka⁴, Tae-Soo Pyo¹, Hiro Saito¹², Masumichi Seta¹³, Yoshito Shimajiri¹, Hiroko Shinnaga¹¹, Motohide Tamura^{4,14}, Kohji Tomisaka¹, Yusuke Tsukamoto¹¹, Tetsuya Zenko¹⁰, Derek Ward-Thompson¹⁵ and the BISTRO Consortium (¹NAOJ, ²Tokushima U., ³Nagoya U., ⁴U. Tokyo, ⁵Osaka U., ⁶Hiroshima U., ⁸ISAS, ⁹Kagawa U., ¹⁰Kyoto U., ¹¹Kagoshima U., ¹²U. Tsukuba, ¹³Kwansai Gakuin U., ¹⁴Astrobiology Center, ¹⁵U. of Central Lancashire, ¹⁶IACE, U. of Porto)

BISTRO (B-field In STar forming Region Observations) is an international research project to make submillimeter linear polarization images of nearby star forming regions as a series of 3 consecutive EAO/JCMT Large Programs, and it involves 149 researchers in Canada, China, Japan, Korea, Taiwan, UK, Ireland, Vietnam and the East Asian Observatory. This paper reports an update of the research program including; a) progress of the data taking (BISTRO-1/2 complete, BISTRO-3 ongoing), b) progress of publication (17 papers including 12 1st-generation, 3 2nd-generation, and 2 review papers), and c) an emerging picture of the evolution of magnetized ISM towards star formation, with a comparison between the cases of low mass and high mass star formation.