

M2O-VLBI: The VLBI branch of the Maser Monitoring Organisation

Ross Burns, Olga Bayandina, Mateusz Olech, Gabor Orosz, Huib van Langevelde, Katherina Immer, Willem Baan, Tomoya Hirota, Jungha Kim, Koichiro Sugiyama, Gabriele Surcis, Irina Val'ts, Nadya Shakhvorostova, Georgij Rudnitskij, Alexandr Volvach, Gordon MacLeod, James Chibueze, Pawel Wolak, Anna Bartkiewicz, Busaba Kramer, Alex Kraus, Karl Menten, Kazuhito Motogi, Kee-Tae Kim, Crystal Brogan, Todd Hunter, Stan Kurtz

During the 2017 IAU maser symposium in Cagliari two well known maser sources went 'super burst'. The single-dish Maser Monitoring Organisation (M2O) reported sudden enhancements in the emission of two well known maser sources, both reaching fluxes above 15,000 Jy within a few hours. In response, a team was assembled for the purpose of following up maser super burst events using quick-response VLBI imaging to disseminate the origin of such behavior. This poster describes the first activities of the M2O-VLBI, its members and the future plan for investigating the maser super burst phenomenon.