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New DiFX software correlator cluster at Bonn

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We present the status of the Bonn Correlator Center (2015/2016) for astronomical and geodetic correlation. The correlator center is being operated jointly by the Max Planck Institute for Radio Astronomy (MPIfR) in Bonn, the Federal Agency for Cartography and Geodesy (BKG) in Frankfurt with support from the Institute of Geodesy and Geoinformation (IGG) in Bonn for more than 20 years.

We will give a brief summary of the first experience with correlating on our new DiFX correlator cluster, which was planned to be compatible with the VGSO requirements.

We will also report on new features implemented for instance to handle Mark 6 recordings and some benchmarking of the correlation of VGOS observations, and on planned further software improvements.

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