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Plans and progress of the Vienna Correlator

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The VLBI group at Technische Universität Wien (TU Wien) is going to run a VLBI software correlator for scientific purposes. For that reason, DiFX is installed on the Vienna Scientific Cluster 3 (VSC-3) consisting of 2020 nodes, each equipped with 2 processors (Intel Xeon E5-2650v2, 2.6 GHz, 8 cores). Of course, only a fraction of the total number of cores will be available for VLBI correlation. The VSC-3 is connected to the scientific Geant network with 10 Gbps, thus providing a high bandwidth for downloading data via e-transfer. In this presentation, we provide information about the current status of that project and future plans.

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