

DTRF2020: the ITRS 2020 realization of DGFI-TUM

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Abstract. As one of the ITRS Combination Centers of the IERS, DGFI-TUM contributes with the computation of the DTRF2020 to the ITRS 2020 realization. In this presentation, we show the strategy for the computation of the DTRF2020 and address the new developments since the DTRF2014. We present the DTRF2020 solution and the content of the DTRF2020 release and show results of internal comparisons, as well as comparisons with ITRF2020, JTRF2020 and external EOP series. We also discuss the particular challenges that arose in the computation of DTRF2020, also with regard to future realizations.