



Earth Orientation Parameters from Satellite Laser Ranging

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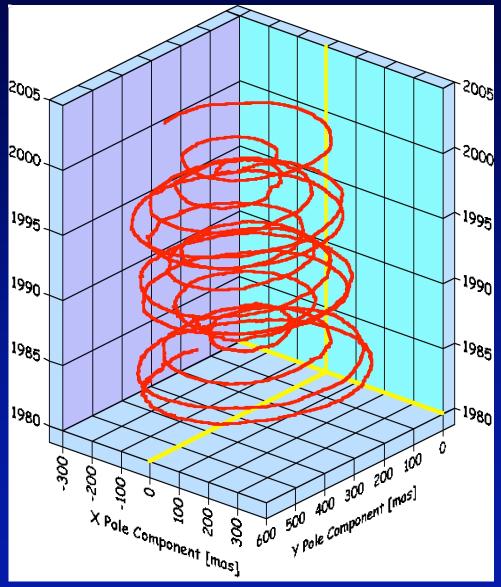
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Pole Coordinates



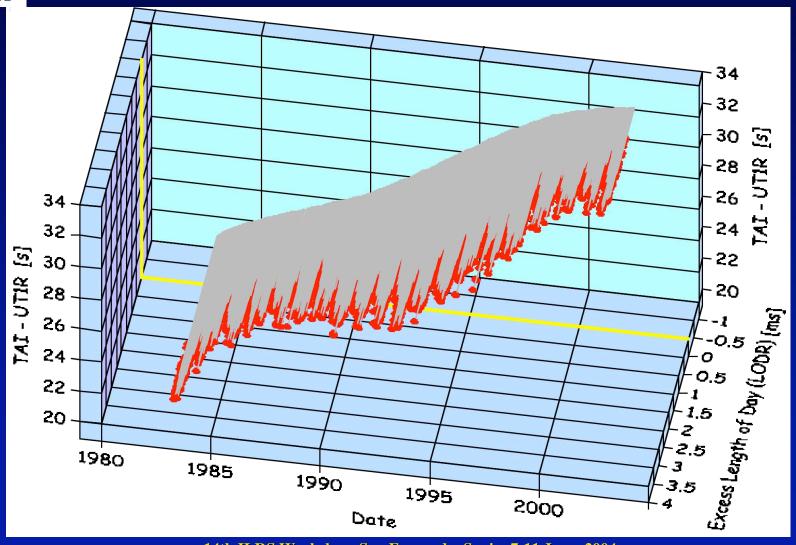


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Earth Rotation Variations







EOP Summary



- The combined analysis of SLR data from LAGEOS 1 & 2 and ETALON 1 & 2 produces accurate, high resolution determination of Earth kinematics (EOP) with daily resolution, and provides an independent source of EOP information (x, y, LOD) to IERS on a weekly (NEOS) and annual basis.
- EOP series of daily averages have internal precision of ~180 μas in Pole x and y. The corresponding number for LOD is 22 μs.
- External comparisons to IERS C 04 series, indicate that the accuracy of these estimates is ~ 250 μas for x and y, ~ 60 μs for LOD.