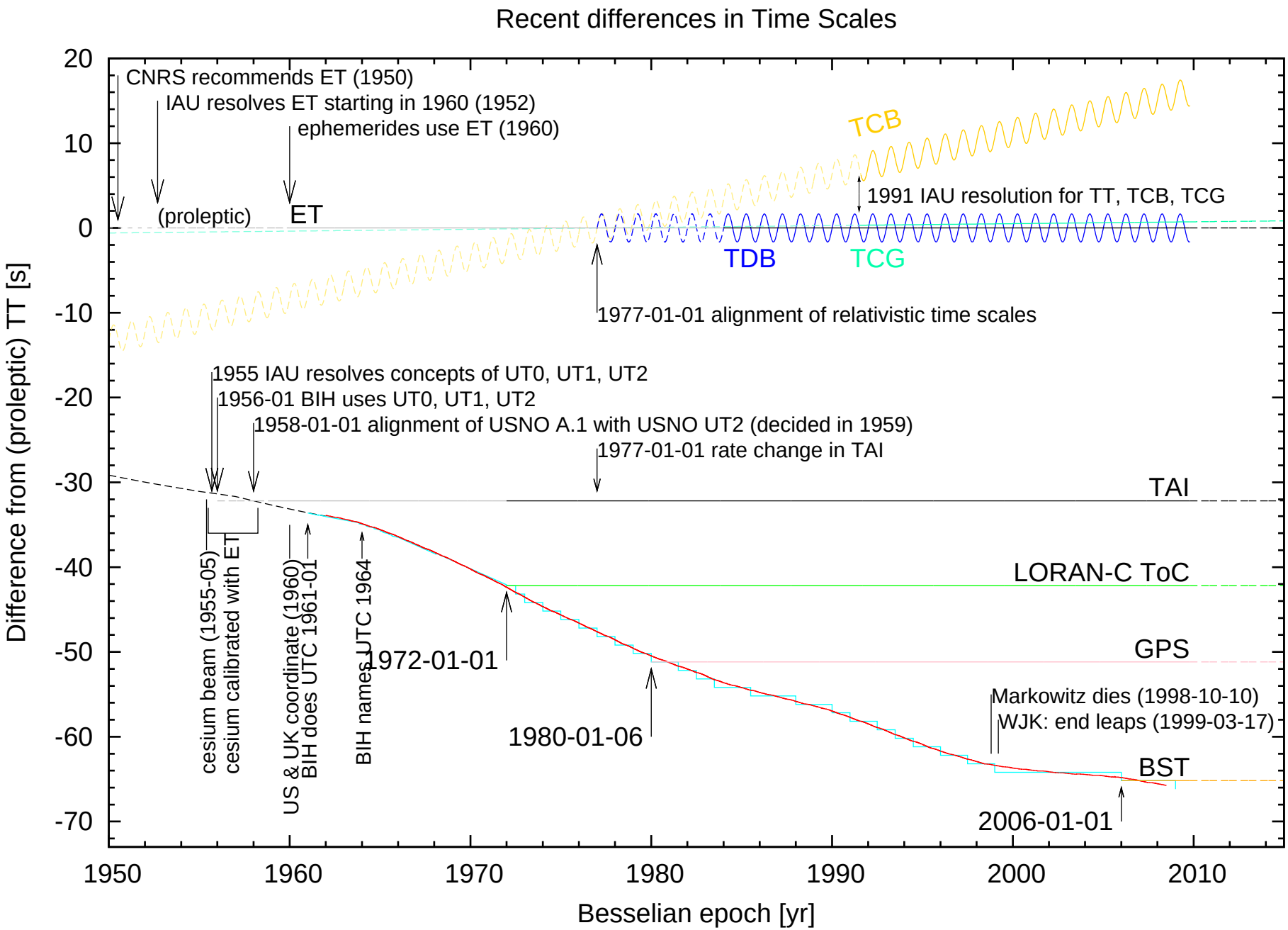
Recent differences in Time Scales
Difference from (proleptic) TT [s]
Besselian epoch [yr]
20
10
0
-10
-20
-30
-40
-50
-60
-70
1950
1960
1970
1980
1990
2000
2010
CNRS recommends ET (1950)
IAU resolves ET starting in 1960 (1952)
ephemerides use ET (1960)
(proleptic)
ET
TCB
1991 IAU resolution for TT, TCB, TCG
TDB
TCG
1977-01-01 alignment of relativistic time scales
1955 IAU resolves concepts of UT0, UT1, UT2
1956-01 BIH uses UT0, UT1, UT2
1958-01-01 alignment of USNO A.1 with USNO UT2 (decided in 1959)
1977-01-01 rate change in TAI
TAI
LORAN-C ToC
GPS
BST
cesium beam (1955-05)
cesium calibrated with ET
US & UK coordinate (1960)
BIH does UTC 1961-01
BIH names UTC 1964
1972-01-01
1980-01-06
Markowitz dies (1998-10-10)
WJK: end leaps (1999-03-17)
2006-01-01