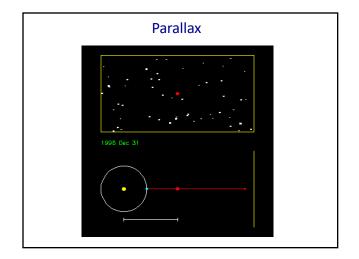
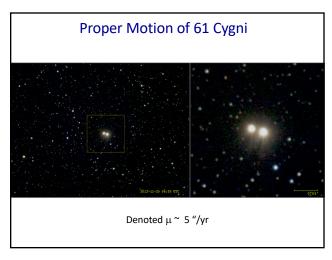


Prefix	Symbol	Factor
Tera	Т	10^{12}
Giga	G	10 ⁹
Mega	M	10^{6}
Kilo	k	10^{3}
Hecto	h	10^{2}
Deka	da	10^{1}
Deci	d	10^{-1}
Centi	С	10^{-2}
Mili	m	10^{-3}
Micro	μ	10^{-6}
Nano	n	10^{-9}
Pico	р	10^{-12}
Femto	f	10^{-15}





Friedrich Wilhelm Bessel



- Measures first reliable parallax (1838) 61 Cygni of π = 0.314 $^{\prime\prime}$
- Modern value is π = 0.28588 +/- 0.00054 "

Gaia Spacecraft



Determine the position, parallax, and annual proper motion of **1** billion stars in Milky Way with an accuracy of about 20 - 200 μ as (depending on brightness of stars).