



***INTEGRAL Earth
Observation Geometry***

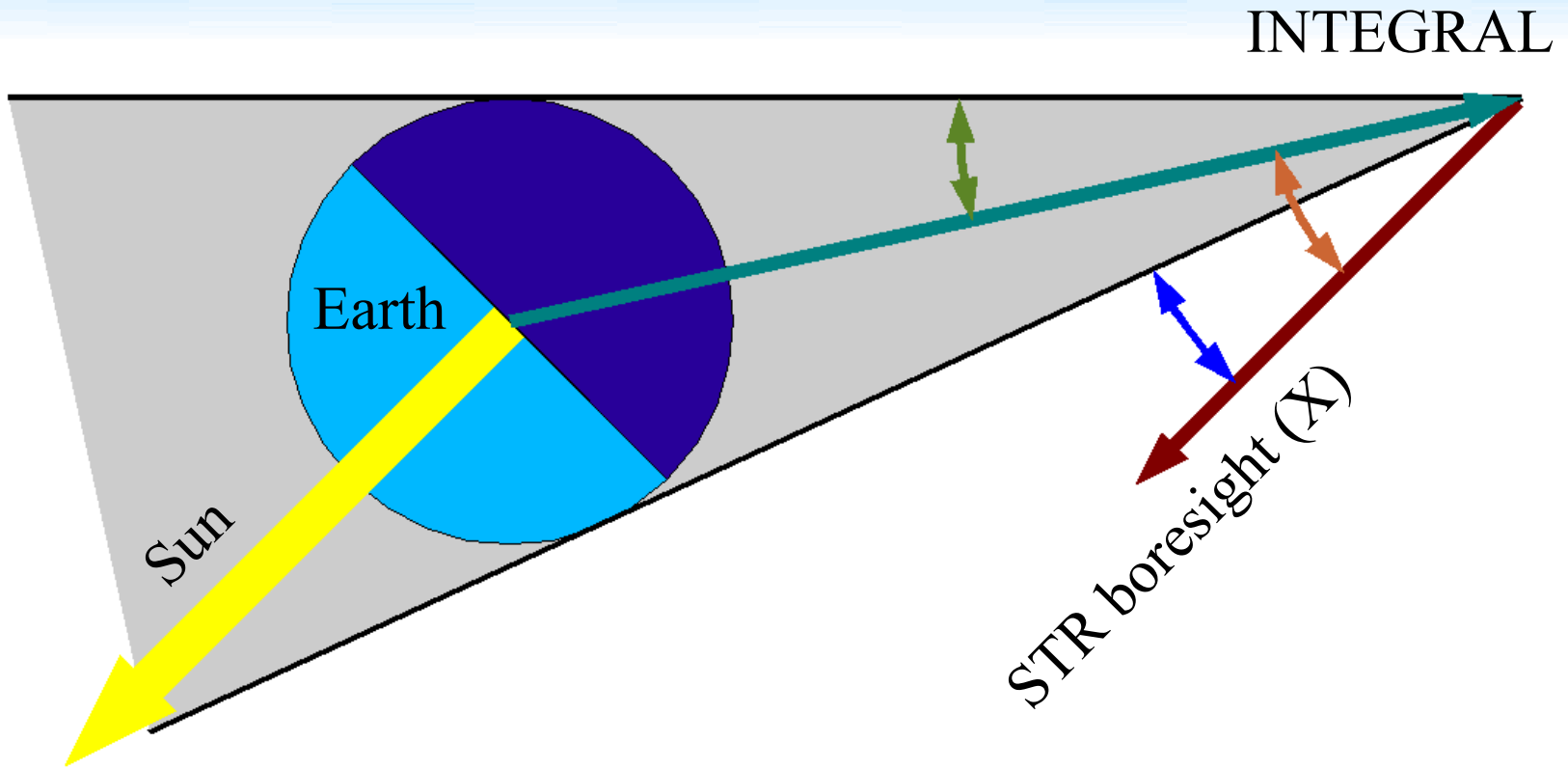
F. Dreger

OPS/GFT



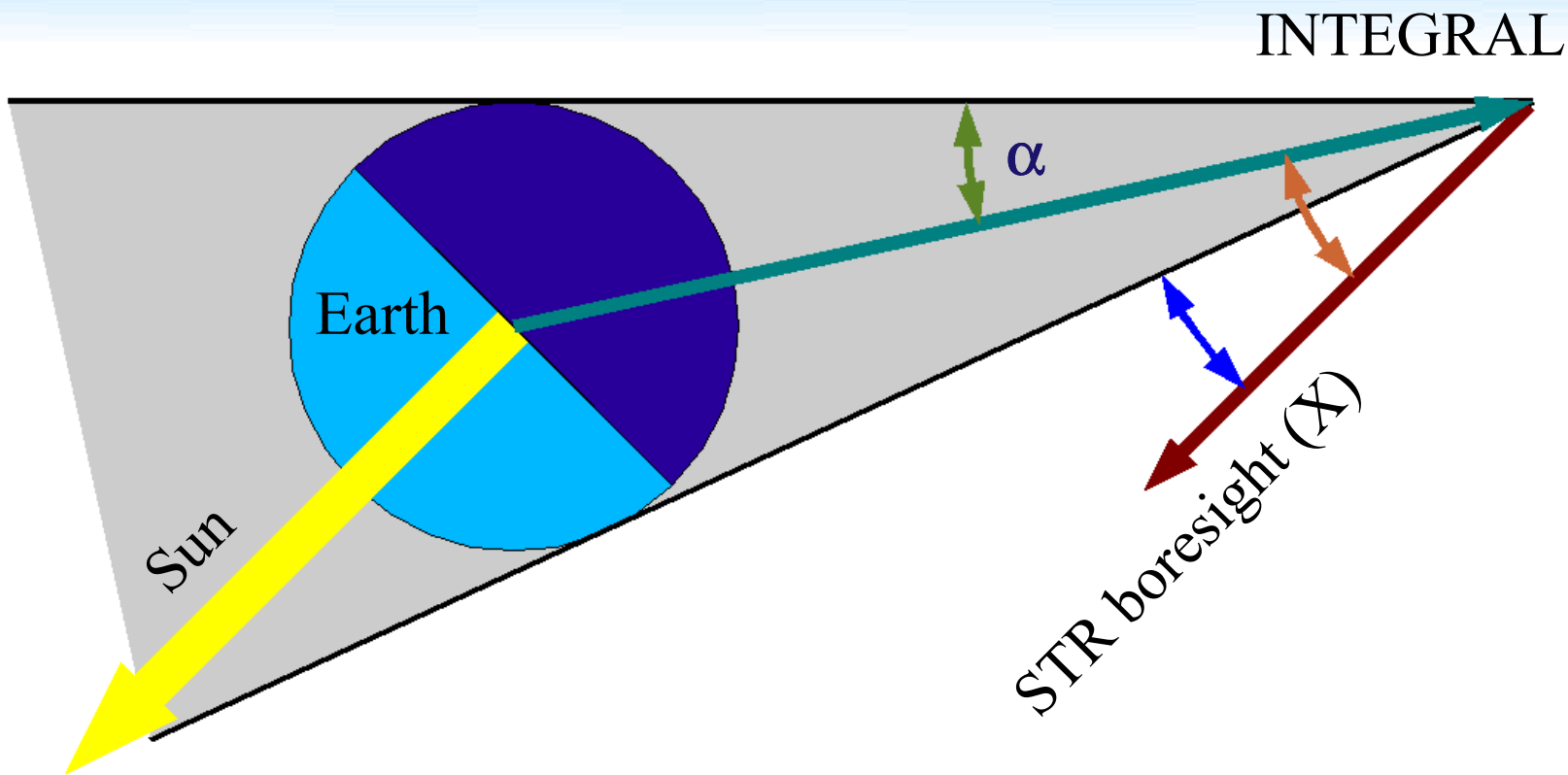


In one plane: the Earth and INTEGRAL and the STR boresight direction



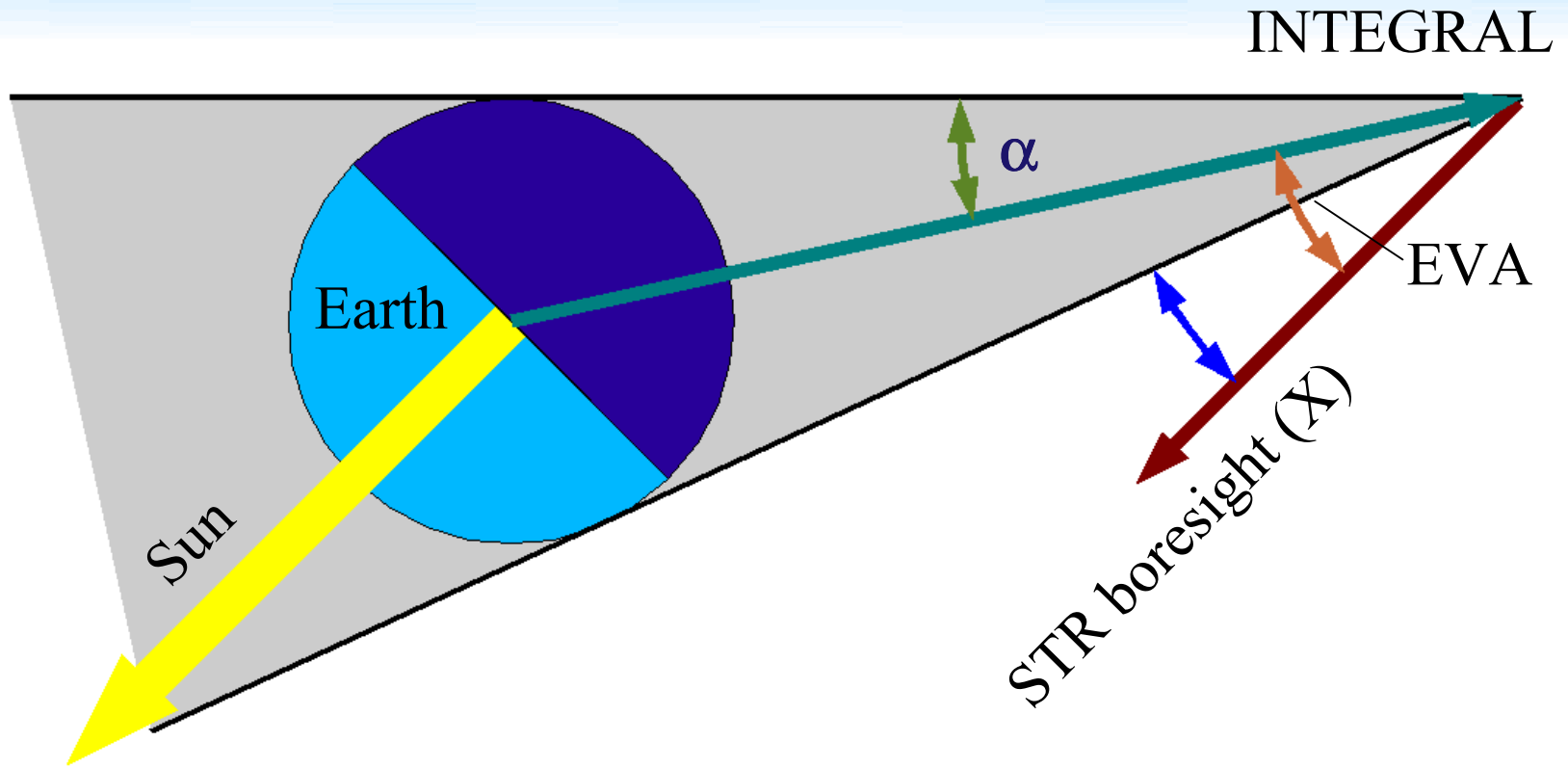


The apparent Radius of the Earth: α



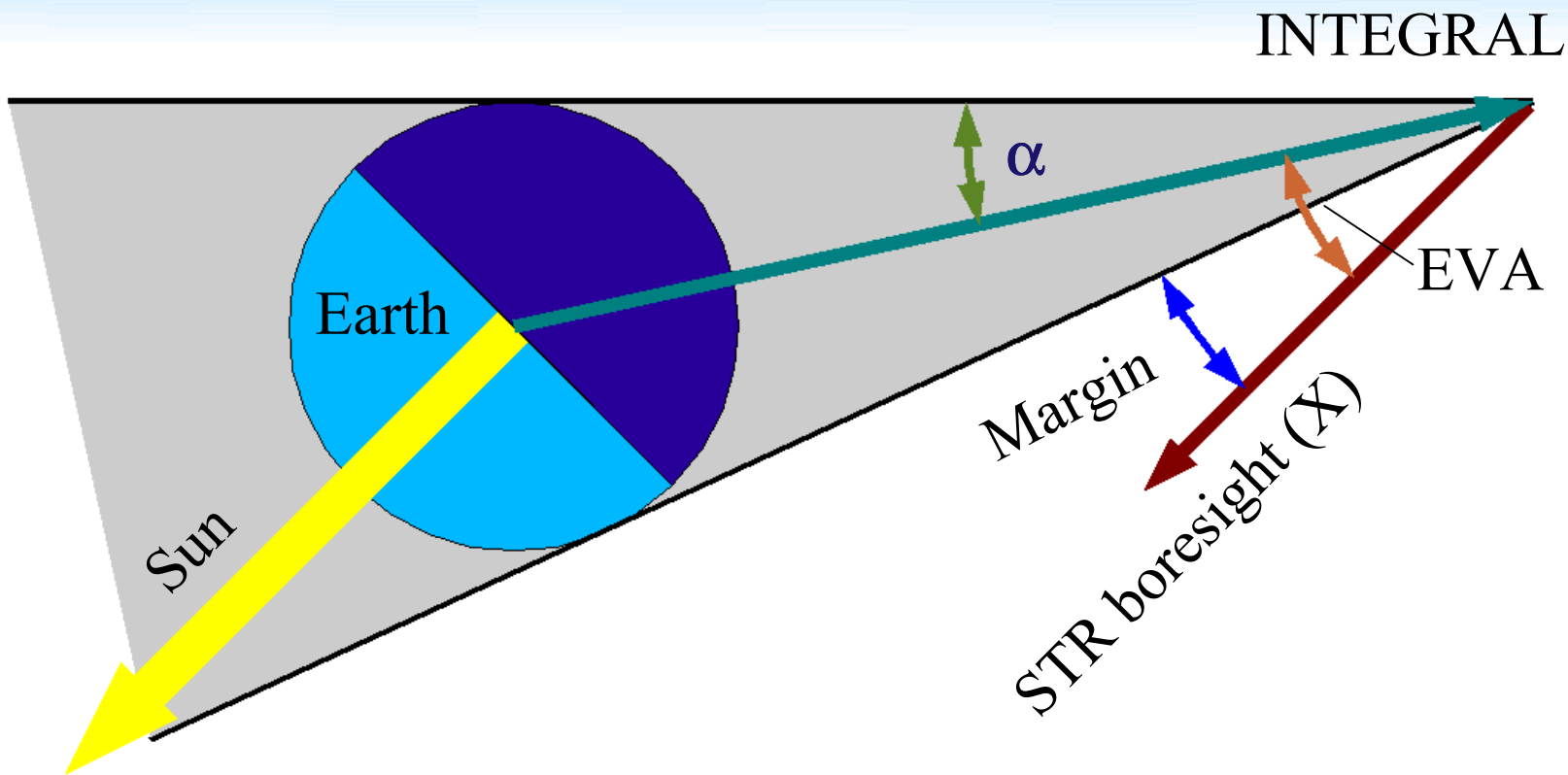


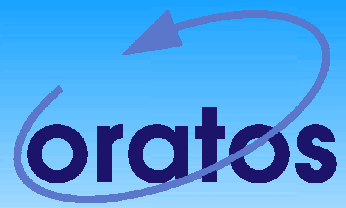
The Earth/Viewing-Angle: EVA



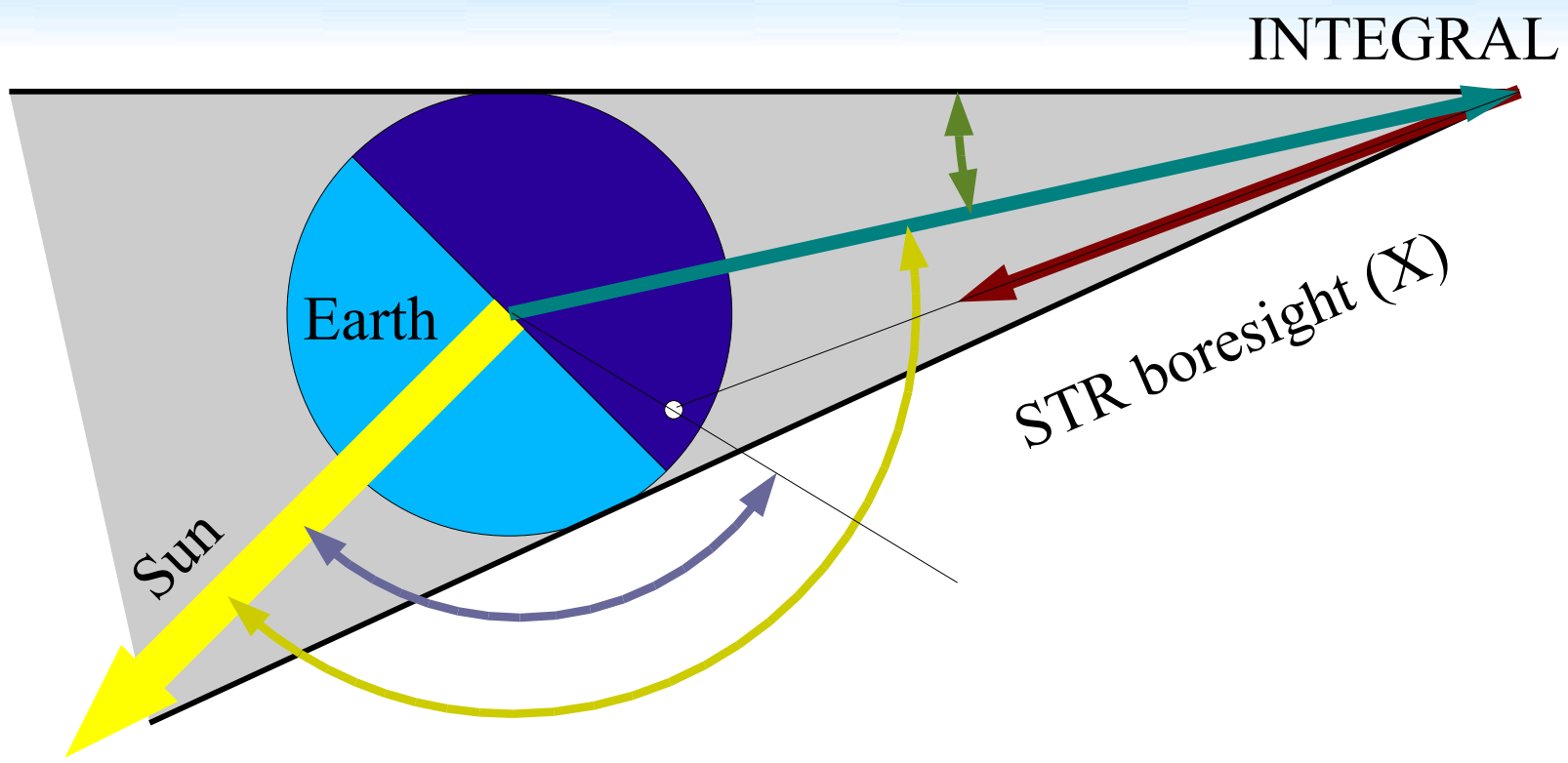


The Margin w.r.t. the Earth Limb



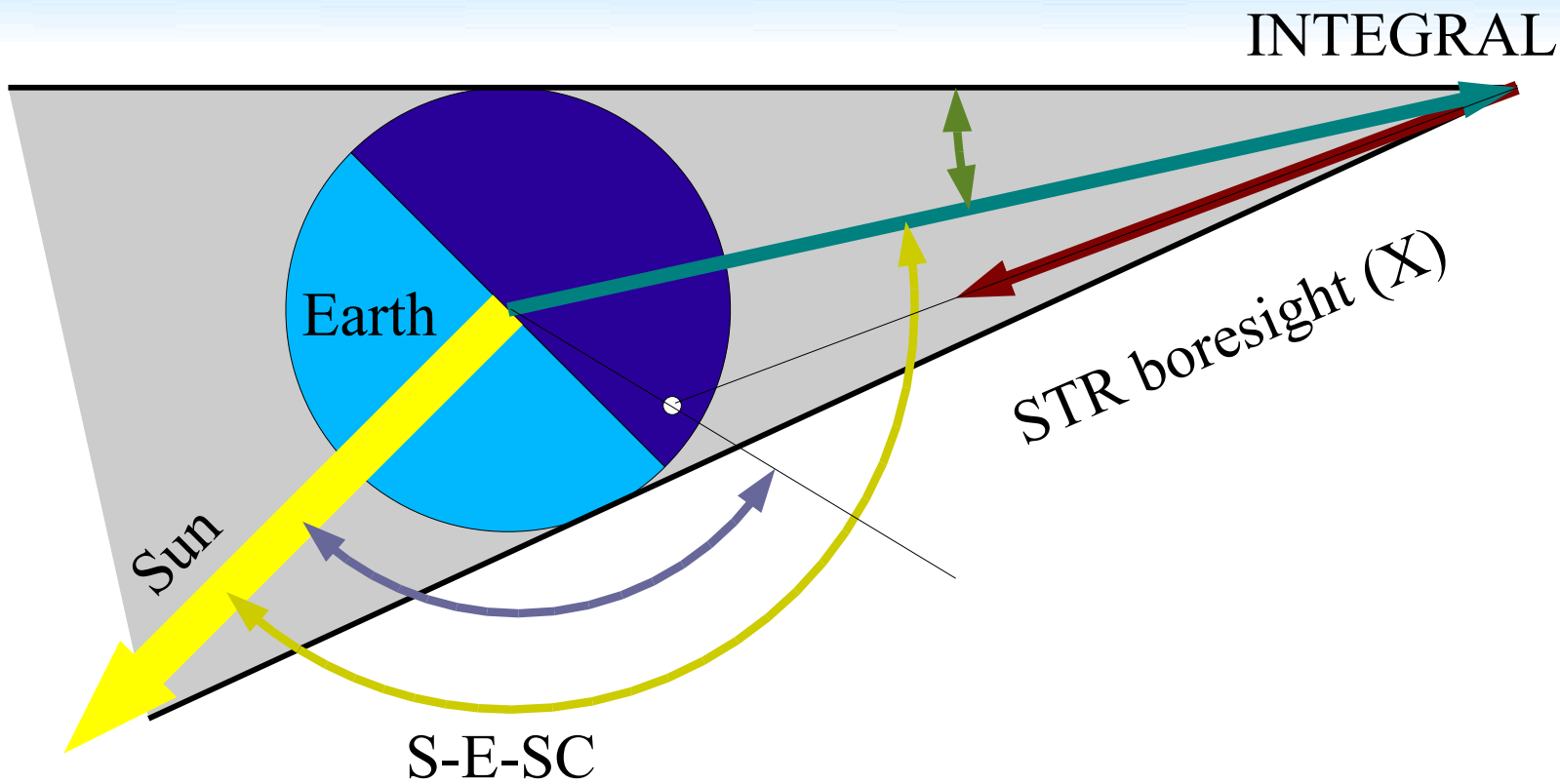


**In another plane:
INTEGRAL, the Earth and
the Sun**





The Sun-Earth-S/C Angle (S-E-SC): Measure for illumination of the Earth as seen by INTEGRAL



oratos

The Sun-Earth-Location Angle (S-E-Loc): Measure for illumination of the location to which the STR points

INTEGRAL

