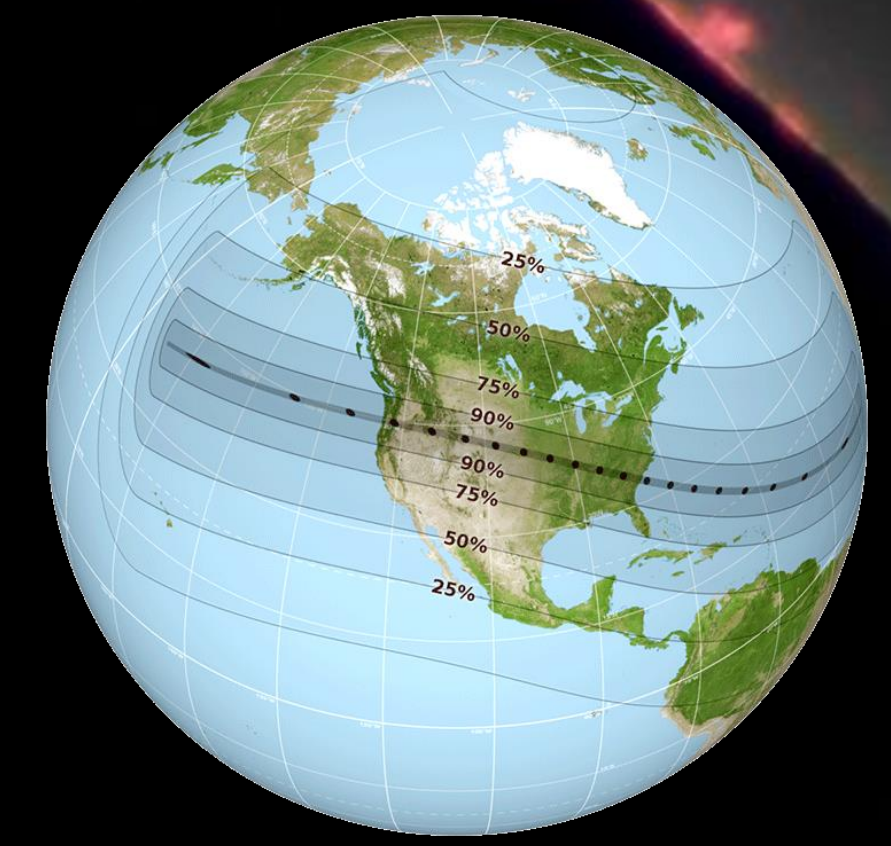


THE 'GREAT AMERICAN' ECLIPSE 2017: FUTURE TOTAL ECLIPSES

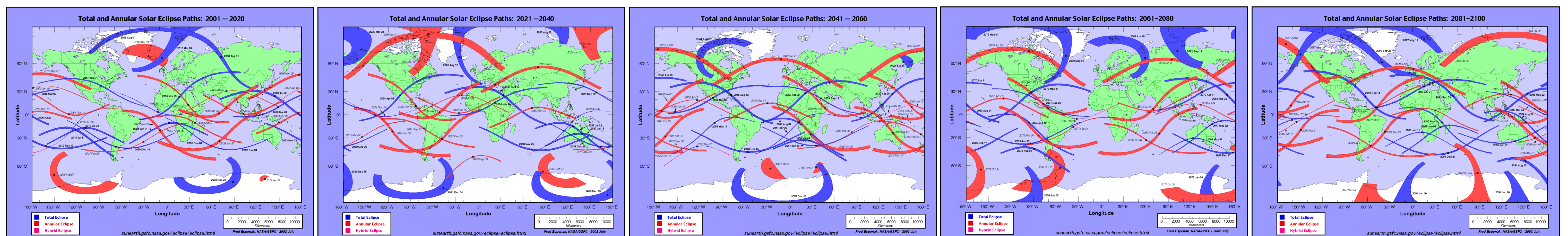


Miguel Pérez-Ayúcar, Manuel Castillo-Fraile,
Joe Zender, Abel De Burgos, Michel Breitfellner

The poster presents the future prospects for Solar Eclipses in the next decade. It highlights possible activities related to Science and Education, especially considering the eclipses on Chile 2019 (collaboration with ESO), and the only eclipses in continental Europe in the next decades (2026 and 2027, both in Spain)



SOLAR ECLIPSES in the next 100 YEARS



Source: <https://eclipse.gsfc.nasa.gov/solar.html>

SOLAR ECLIPSES (individual paths) in the next 10 YEARS



**2026
SPAIN**

Source: heavens-above.com

**2019
CHILE, ARG**

**2020
CHILE, ARG**

**2024
USA, MEX**

**2027
SPAIN**

Next **Total** Eclipses in **EUROPE**: **2026** and **2027** (both in **Spain**). After, ONLY on Sep 3, **2081**



ECLIPSES with envisaged CESAR-ESA activities



CHILE 2019, 2 JUL, LA SILLA
1min 52sec, (max 2min 30sec)
Alt=13deg EVENING

Great high altitude location,
ESO collaboration/ support

SPAIN 2026, 12 AUG, GALICIA?
1min 50sec, (max 2min 18sec)
Alt=10deg EVENING

AT SUNSET OVER THE SEA

SPAIN 2027, 2 AUG, CADIZ?
4min 30sec, (max 6min 22sec)
Alt=38deg MORNING

BEST GEOMETRY and
DURATION!

http://cesar.esa.int/index.php?Section=Total_Eclipse_2017