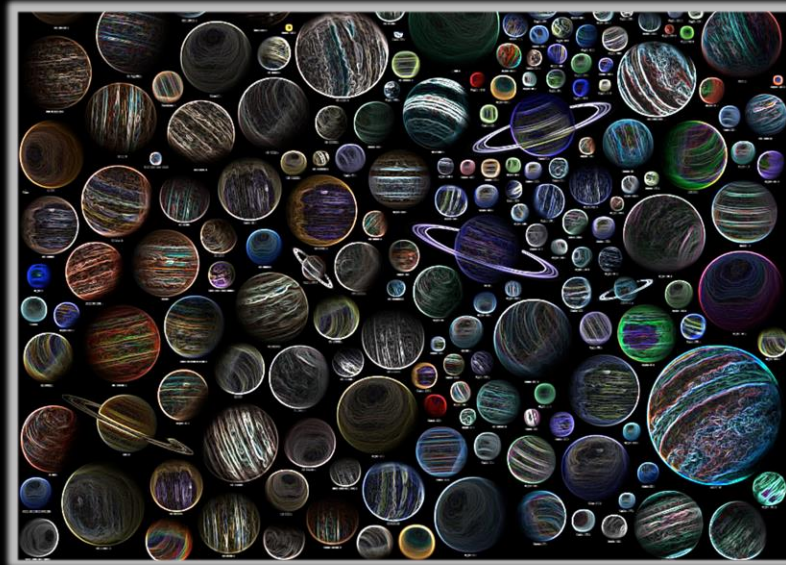


The Exoplanet revolution

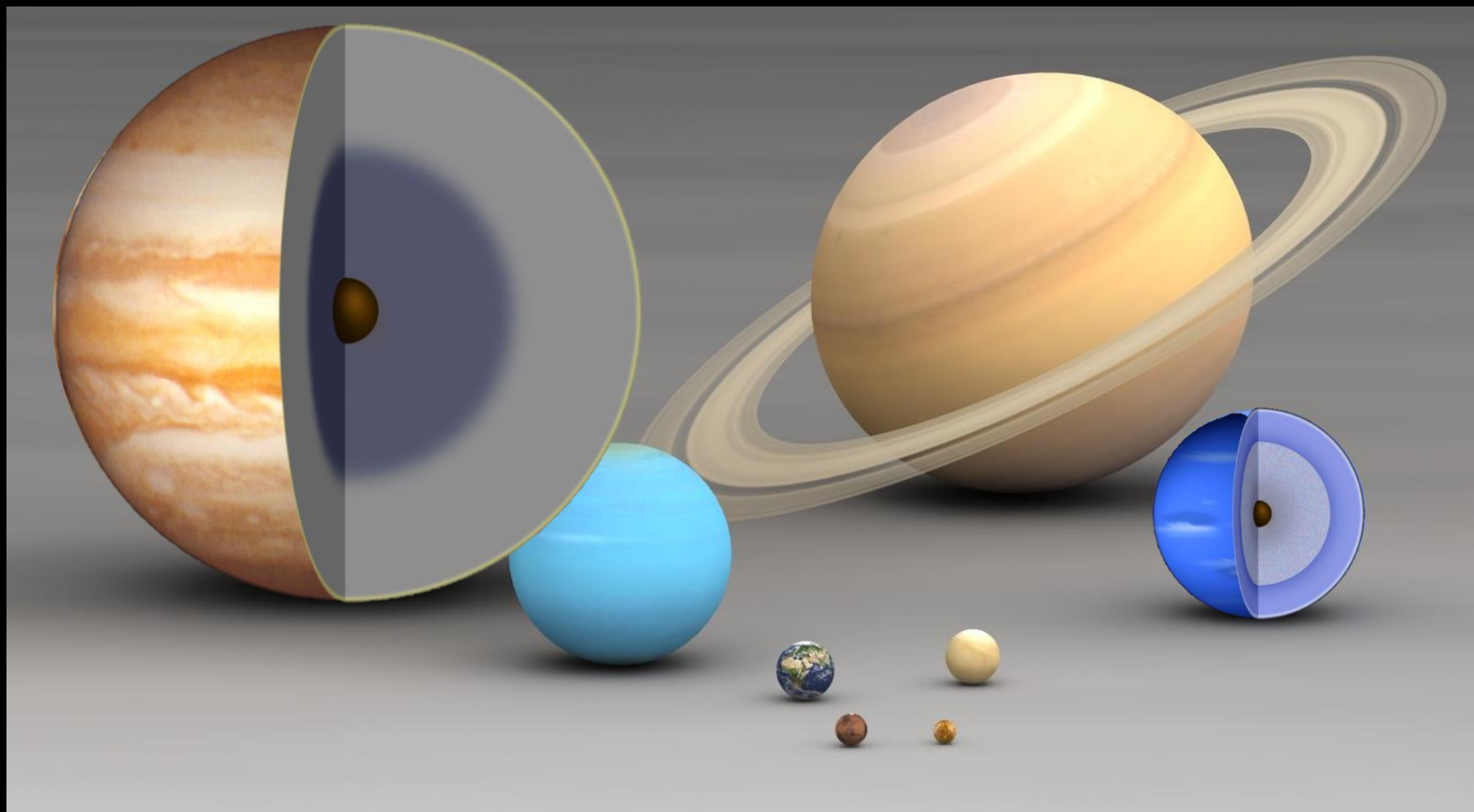


Professeur Didier Queloz, FRS

Jacksonian Professor of Natural philosophy , Cambridge University, UK
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Fellow of Trinity College, Cambridge, UK



@DidierQueloz



HL Tau

50 AU



Beta Pictoris

Solide

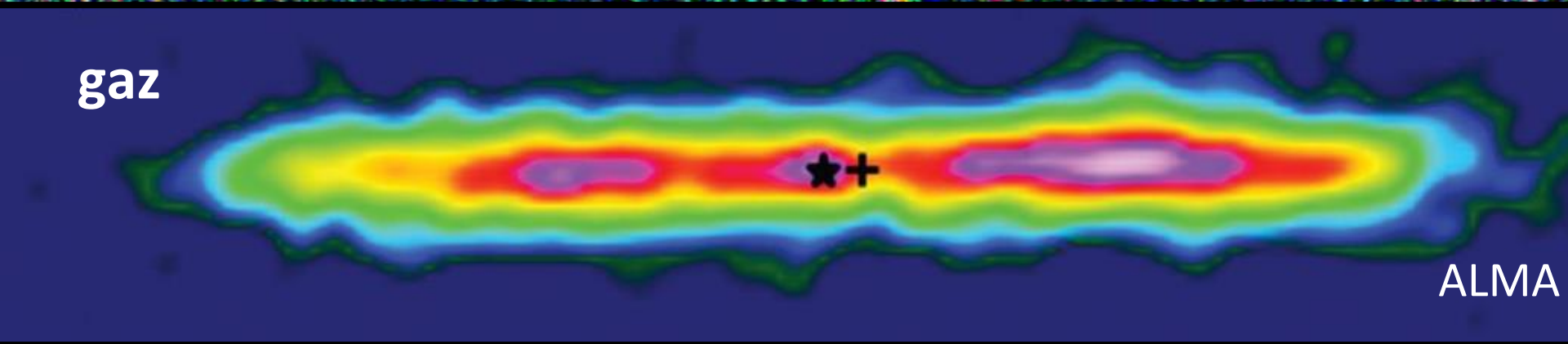
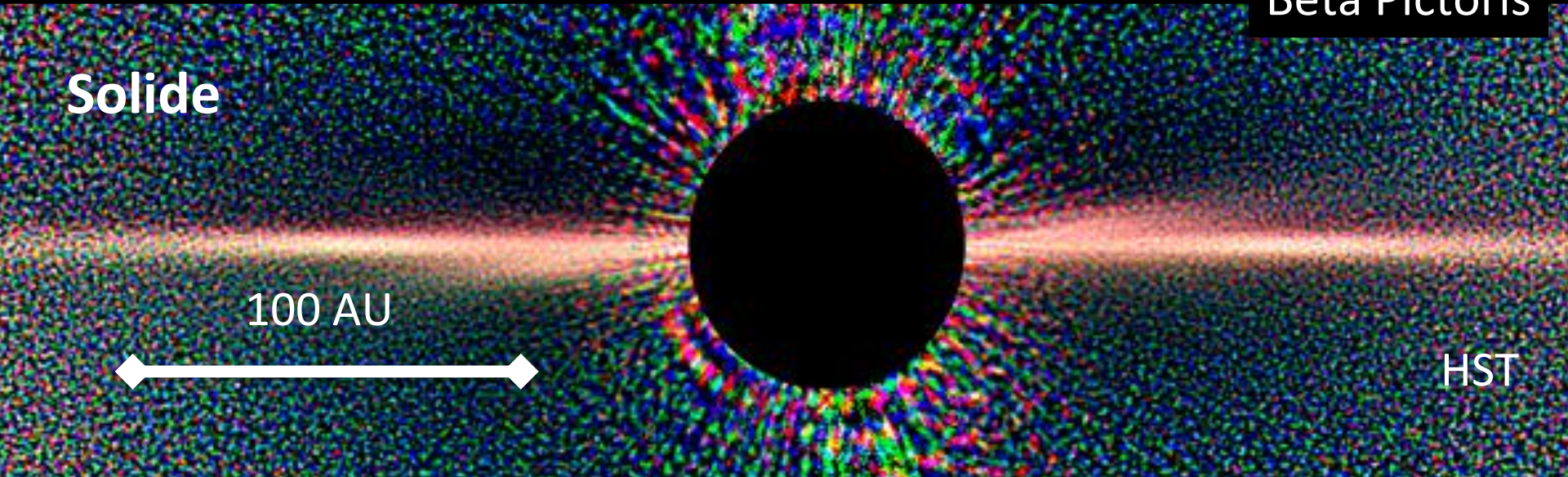
100 AU

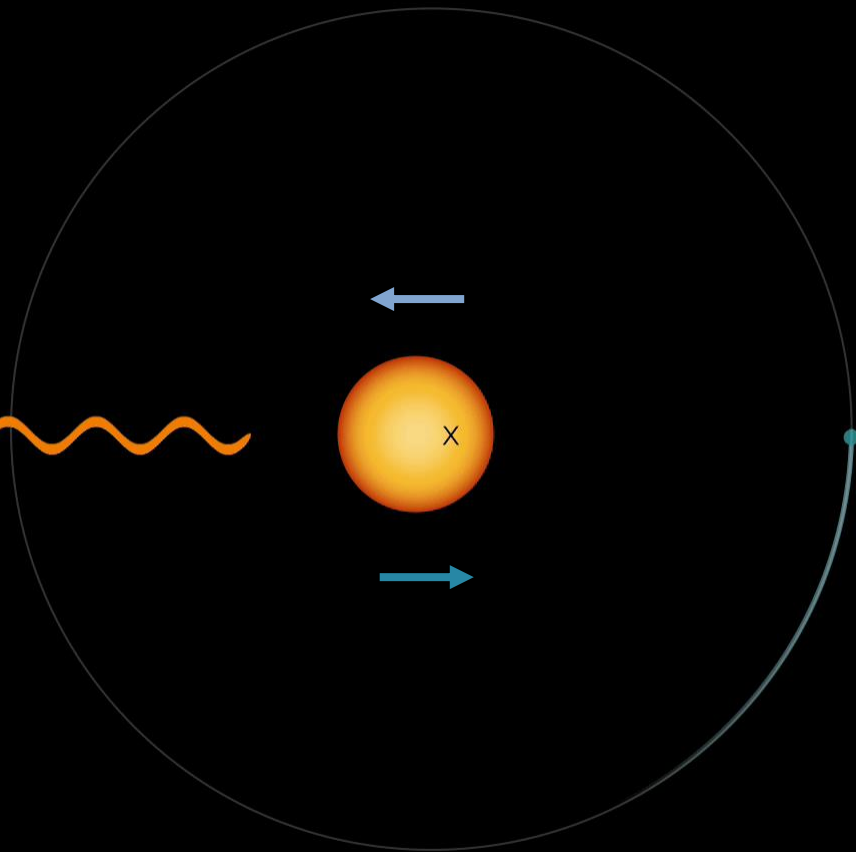
HST

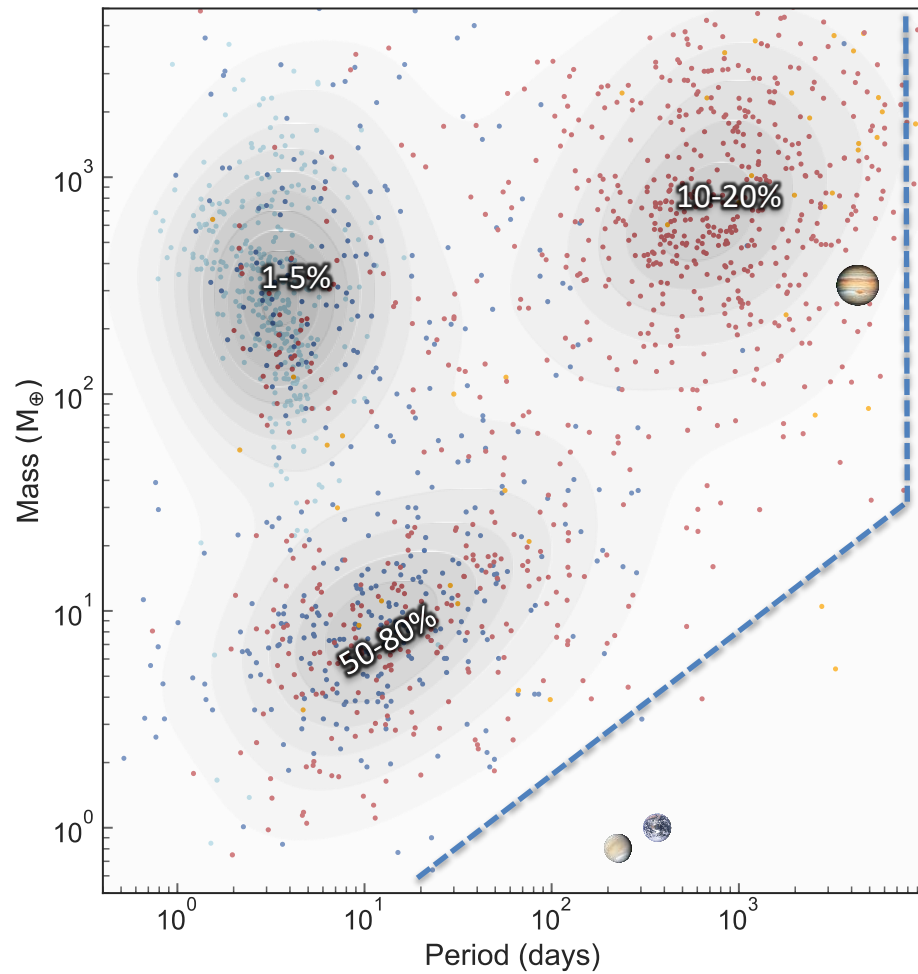
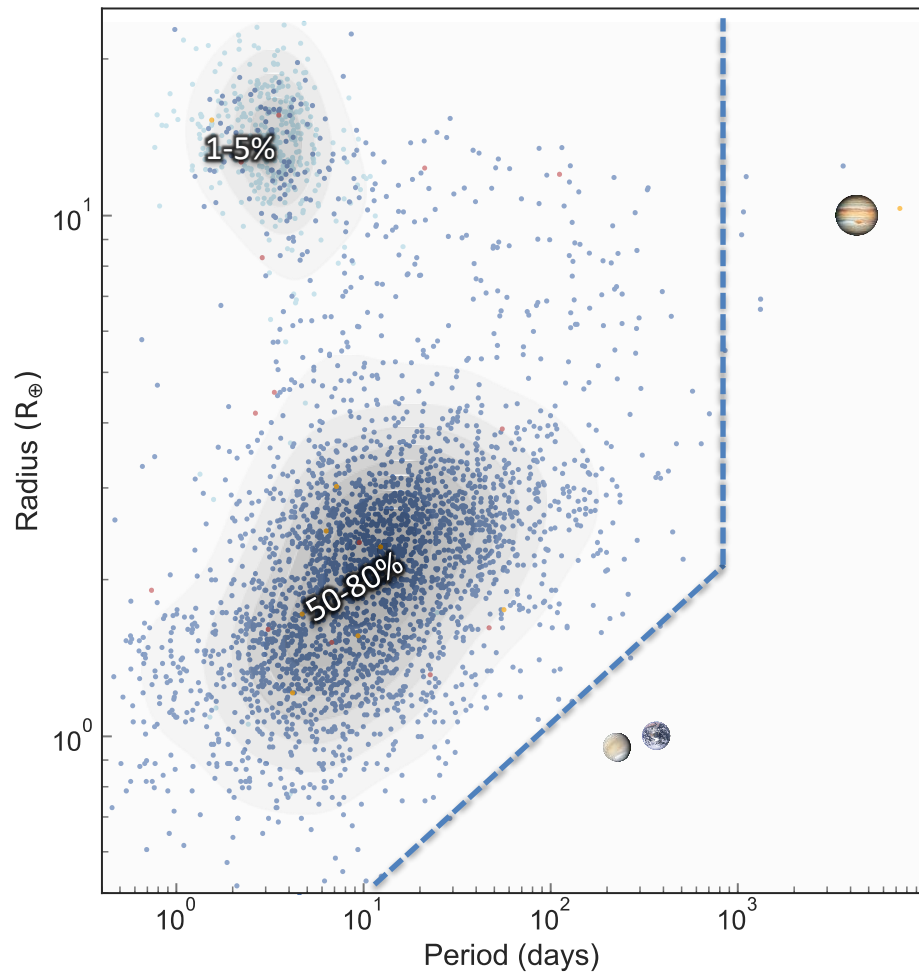
gaz

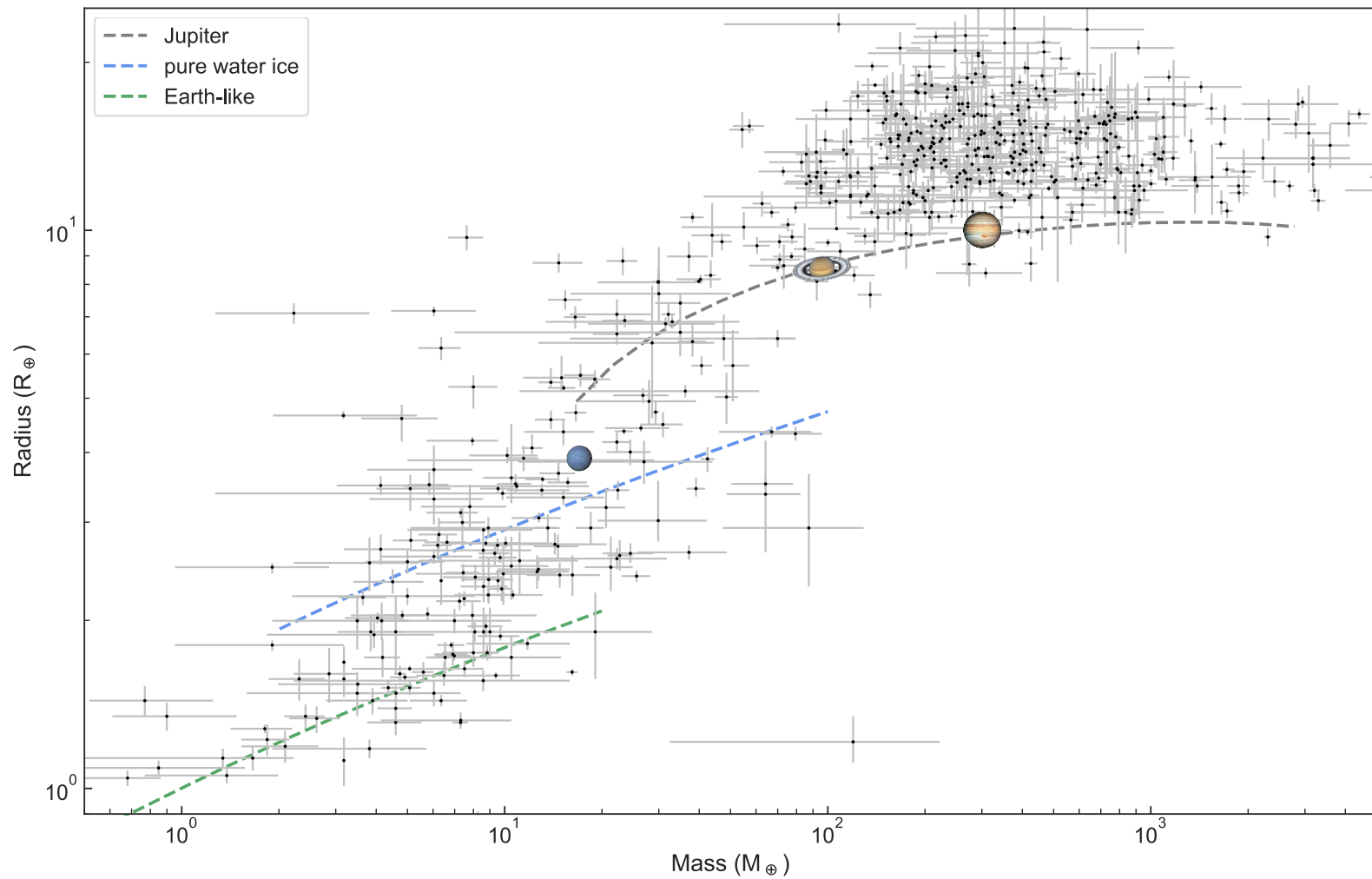
★+

ALMA



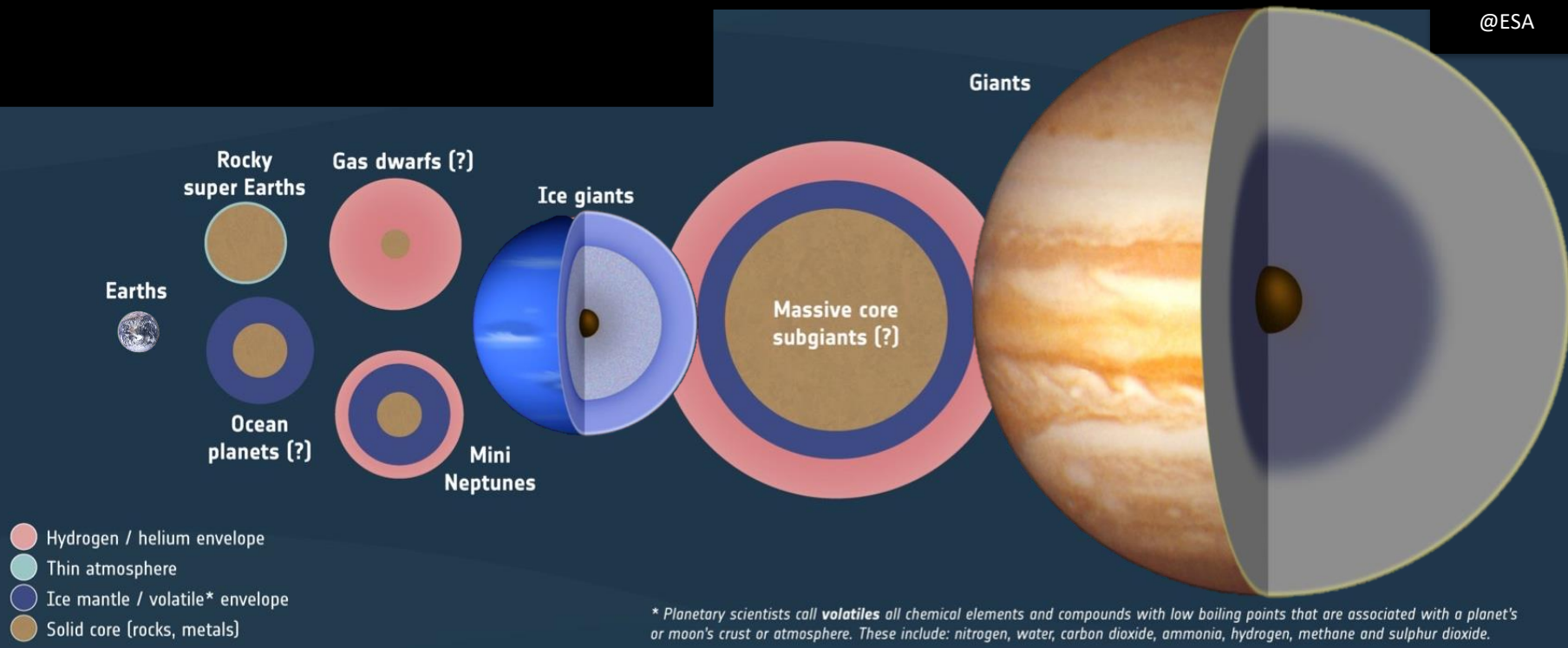




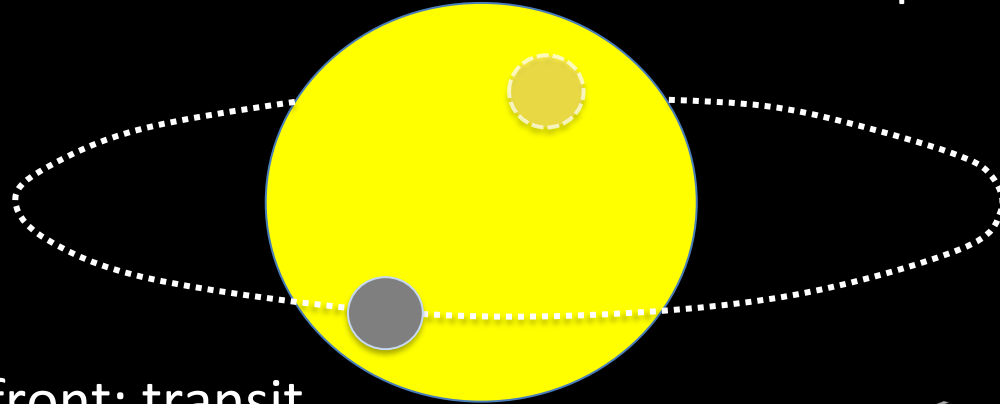


Planet structure revisited

@ESA

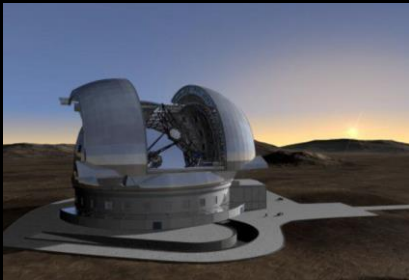


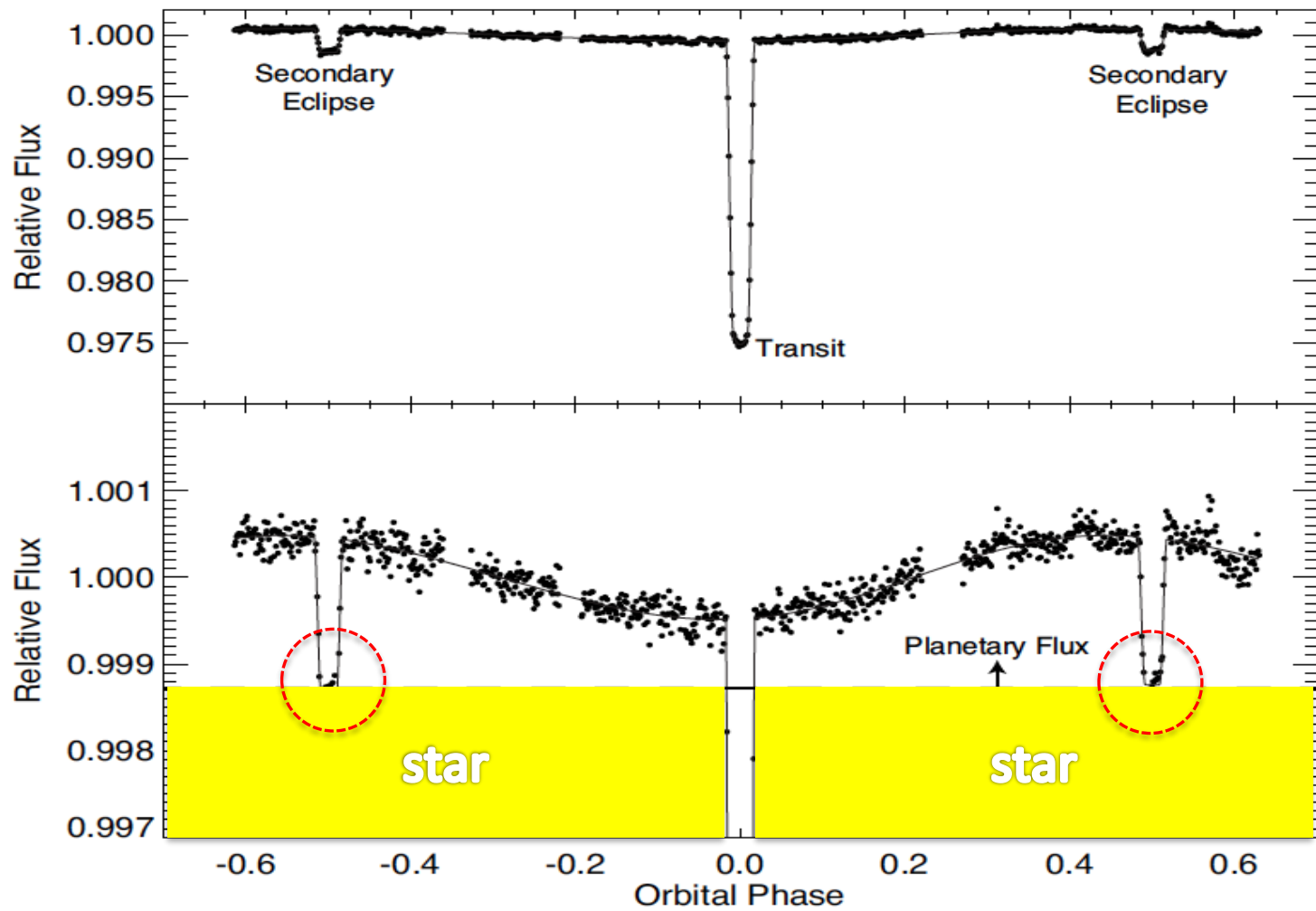
Behind: eclipse



ARIEL, @ESA

ELT, @ESO





Visible



8.6 μ m



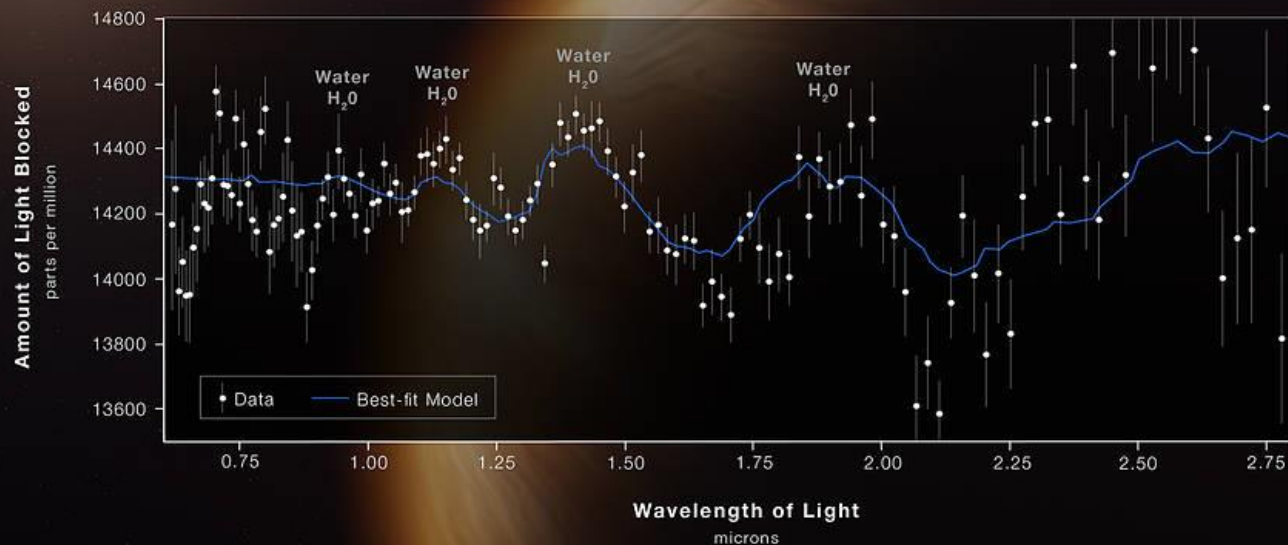
9.6 μ m
O₃

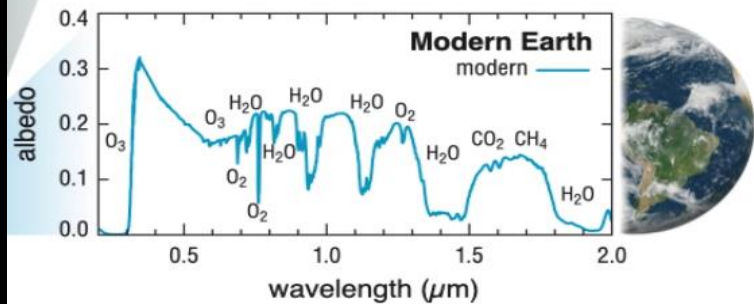
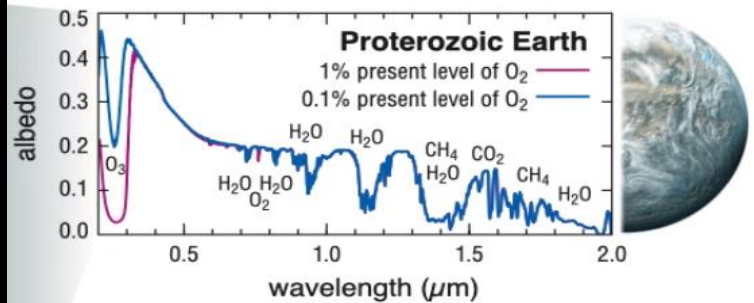
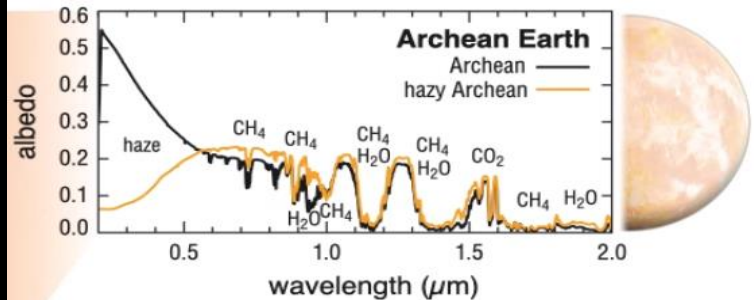
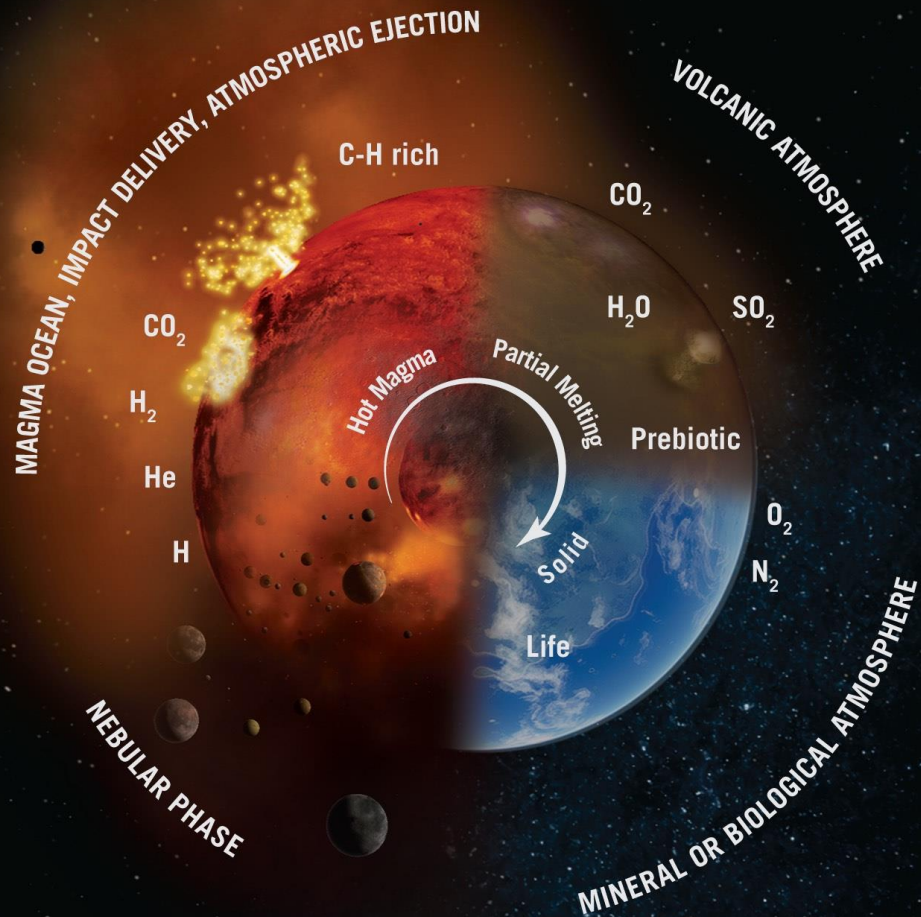


HOT GAS GIANT EXOPLANET WASP-96 b

ATMOSPHERE COMPOSITION

NIRISS | Single-Object Slitless Spectroscopy





Thank you!