

Binary Black Holes

Exoplanet Spin Stability

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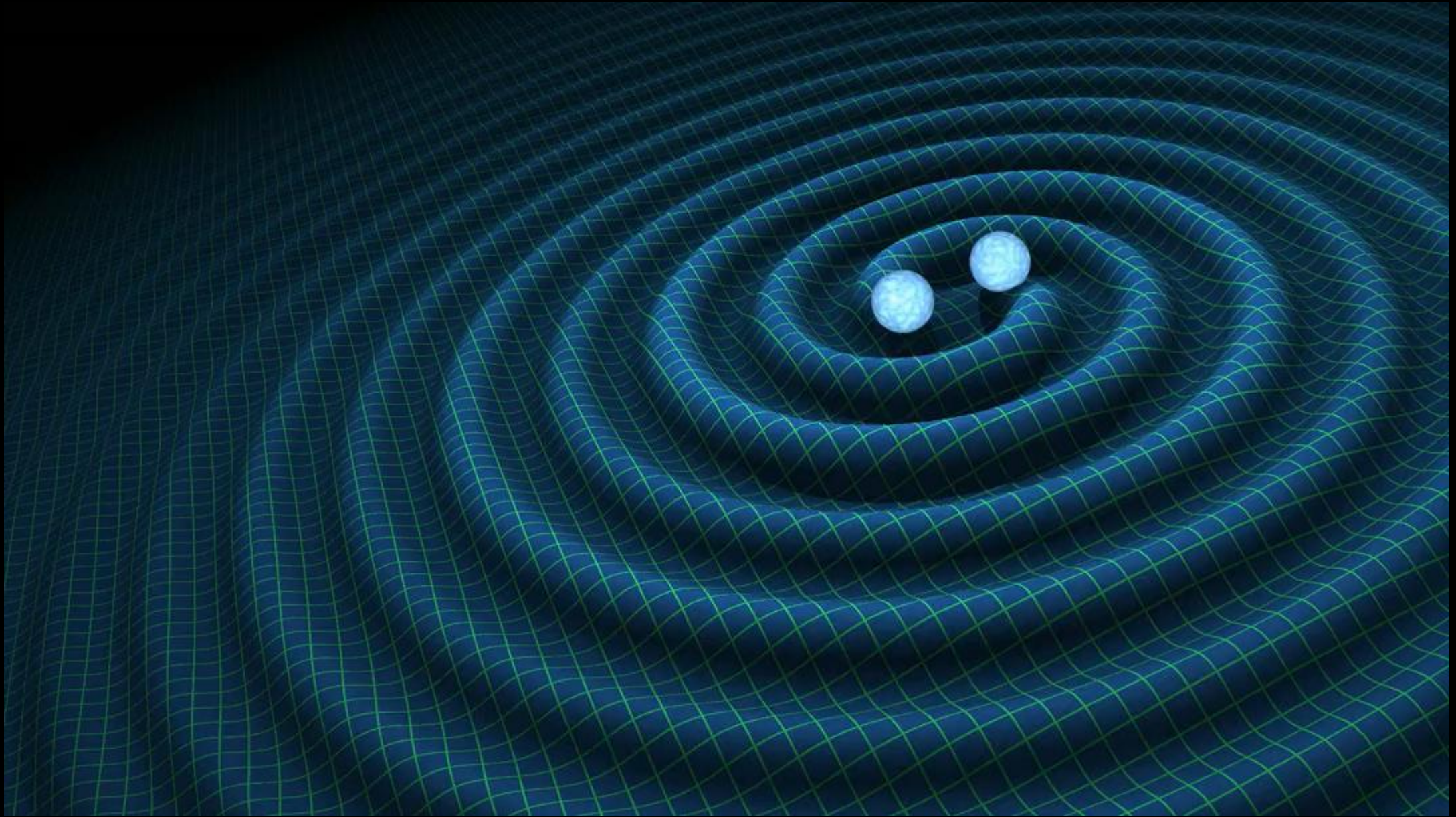
Supervisor: Norman Murray



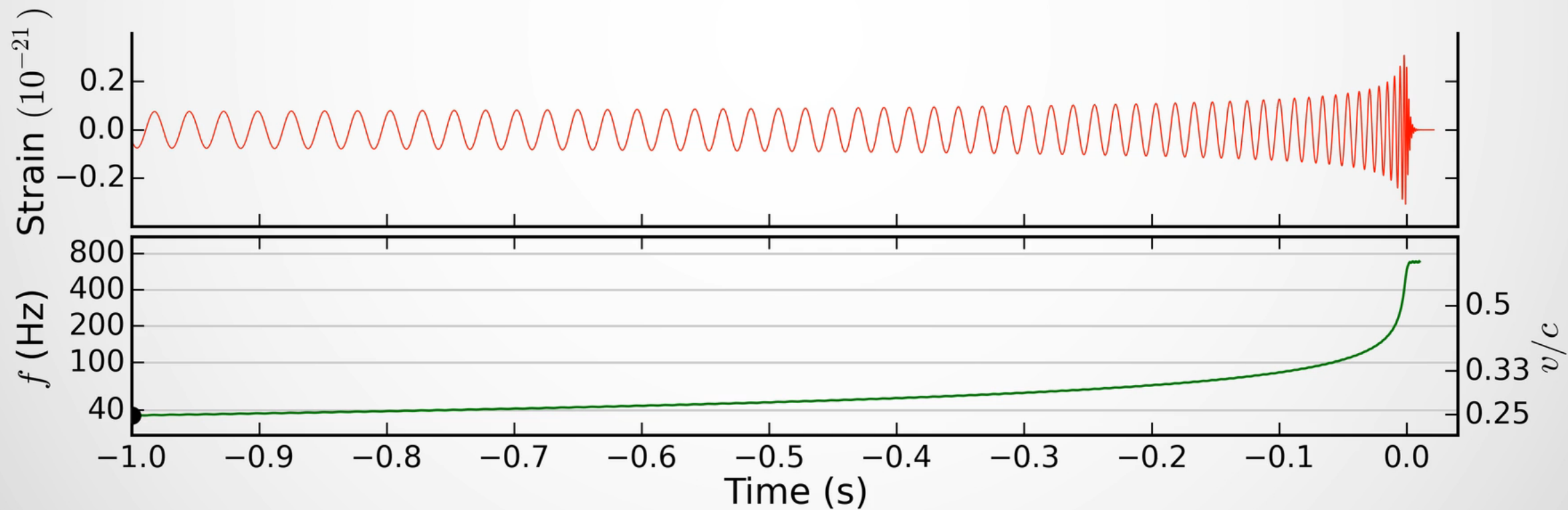
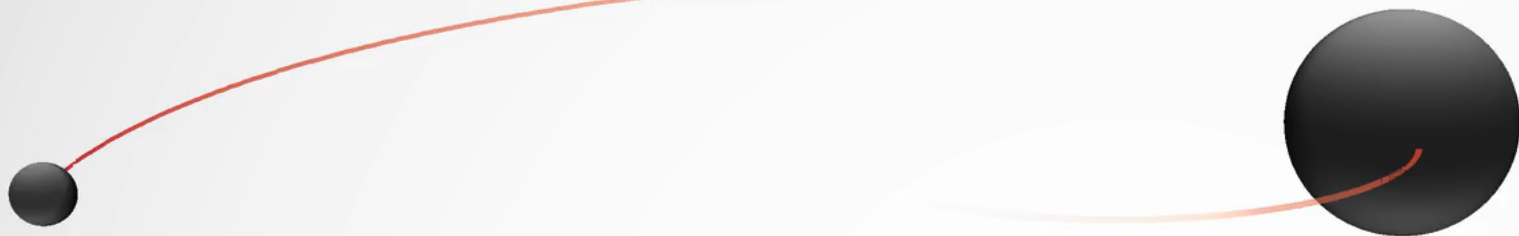
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Credit: R.Hurt at Caltech/JPL



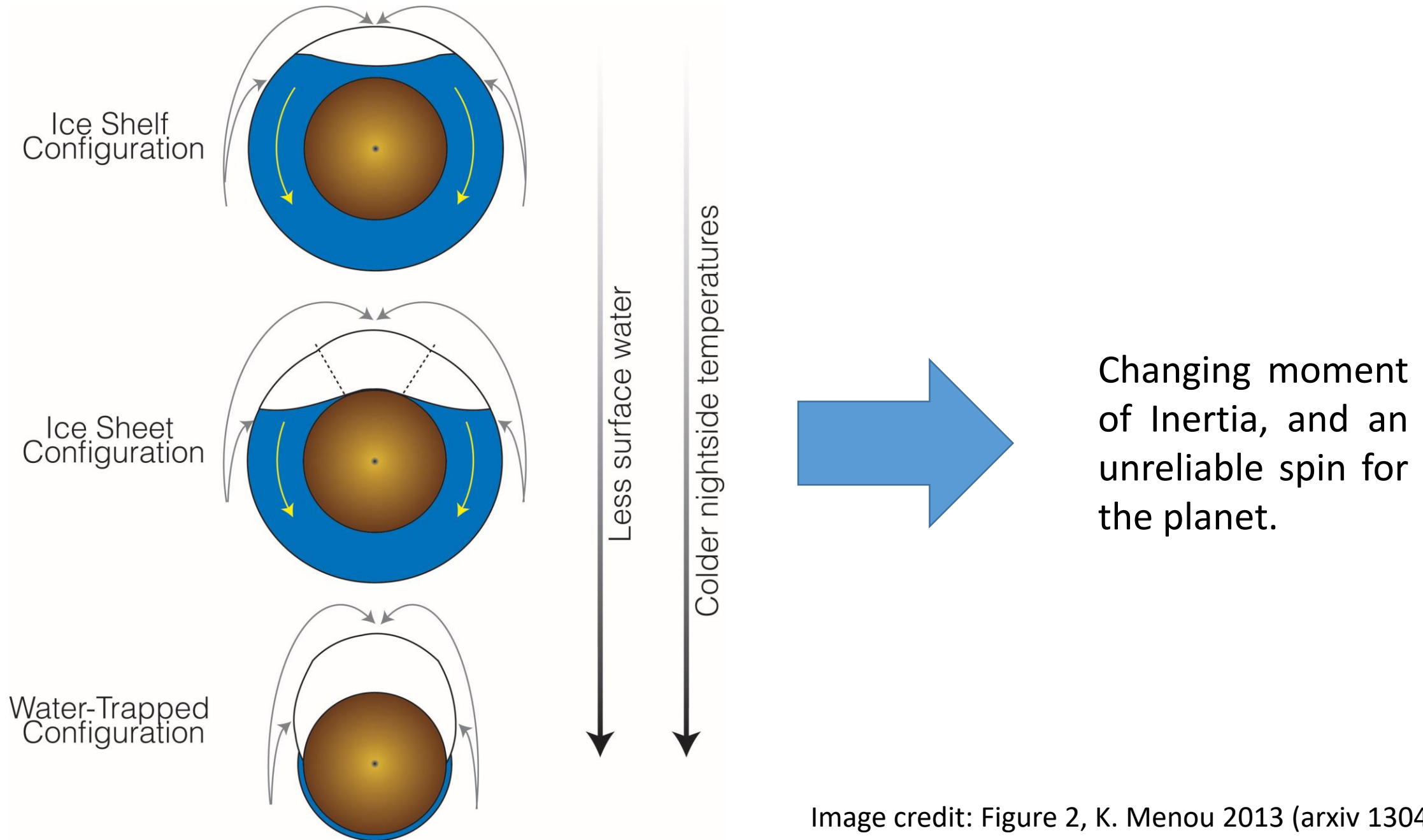
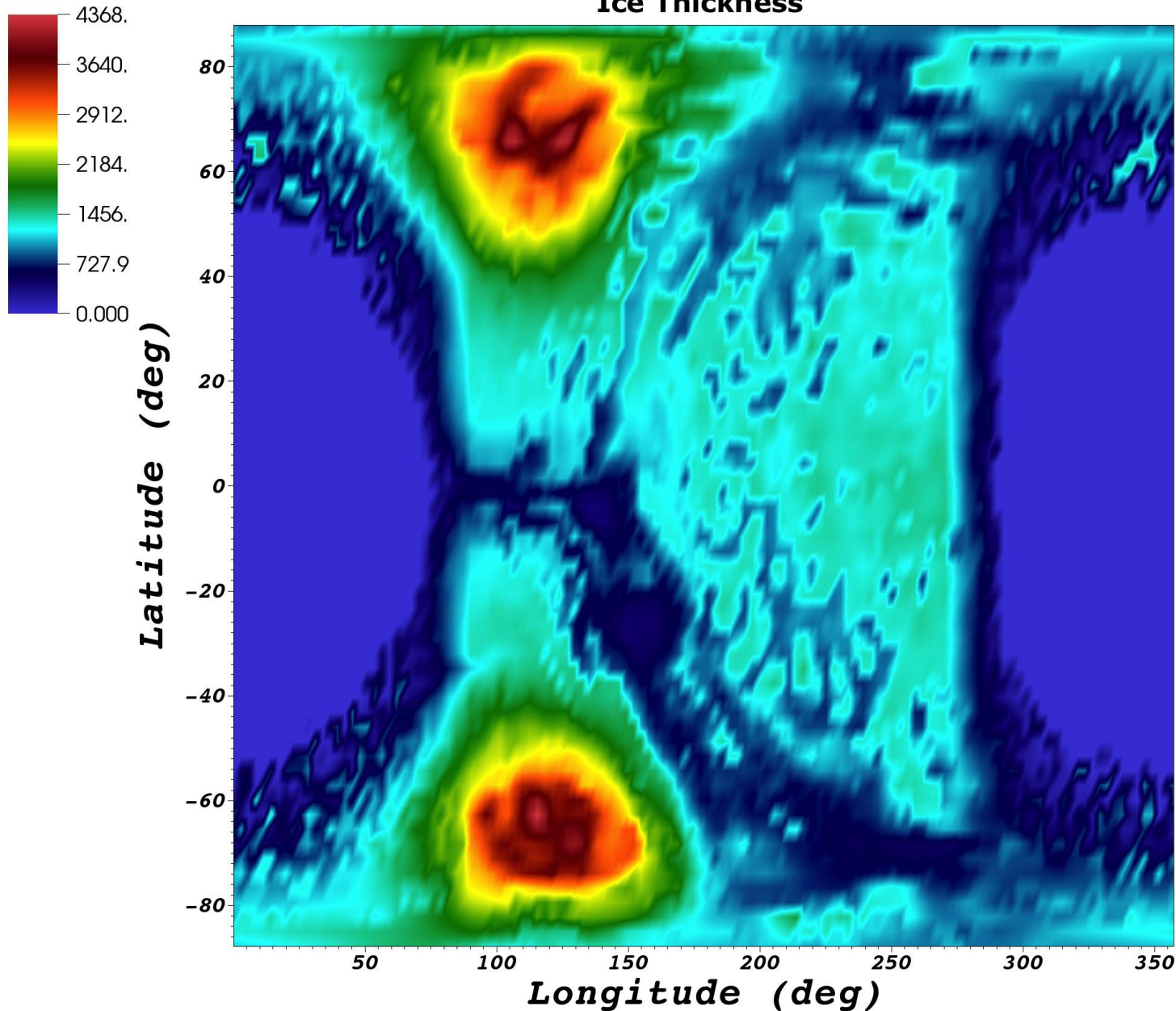


Image credit: Figure 2, K. Menou 2013 (arxiv 1304.6472)

Ice Thickness



Ice thickness over the tidally locked exoplanet with an Aquaplanet model. Ran with PlaSim on Sunnyvale, CITA cluster.

Use this information coupled with thermal tides to decipher and map the moment of inertia of the planet – is it really tidally locked?

Image credit: Figure 4, K. Menou 2013 (arxiv 1304.6472)