Saikiran Tharimena

1. Drilleau M., **Tharimena S.,** et al., Mars Structure Service (MSS) 1: Single-station and single-event marsquake inversion. ***Earth and Space Science (2020) - accepted***
2. Lognonne P., **Tharimena S.,** et al., Constraints on the shallow elastic and anelastic structure of Mars from InSight seismic data, ***Nature Geoscience (2020)***, DOI: 10.1038/s41561-020-0536-y
3. Rychert C.A., Harmon N., **Tharimena S.**, Seismic imaging of the base of the ocean plates. ***Lithospheric Discontinuities, Geophysical Monograph (2018),*** ISBN 978–1–119–24971–9
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8. **Tharimena S.**, Rychert C.A., Harmon N., White P.R., Imaging Pacific lithosphere seismic discontinuities – Insights from SS precursor modelling. ***Journal of Geophysical Research: Solid Earth (2017a)***, DOI: 10.1002/2016JB013526
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Upcoming Publications (in review / submitted)

1. Agius M., Rychert C.A, Harmon N., **Tharimena S.**, Kendall J.M. Thin mantle transition zone beneath the equatorial mid-Atlantic ridge from the PI-LAB experiment, ***Nature (2019 – in review)***
2. Rychert C.A, Harmon N., Kendall J.M, Constable S., **Tharimena S**., Wang S., Bogiatzis P., Schlaphorst D., Agius M., Hicks S., A dynamic tectonic plate base defined by ephemeral melt beneath the Atlantic Ocean, ***Nature Geoscience (2019 – in review)***
3. Hamon N., Rychert C.A., Kendall J.M., Agius M., Bogiatzis P., **Tharimena S.**, Evolution of the oceanic lithosphere in the equatorial Atlantic, evidence for small scale convection from the PI-LAB experiment, ***Journal of Geophysical Research: Solid Earth (2020 – submitted0***
4. Wang S., Li F., Panning M.P., **Tharimena S**., Vance S.D., Song WenZ, Ambient noise tomography with common receiver clusters in distributed sensor networks. ***IEEE Transactions on Signal and Information Processing Over Networks (2020 – submitted)***
5. Knapmeyer-Endrun B., **Tharimena S.,** et al., Crustal thickness and layering of Mars from InSight seismic data, ***Science (2020 – ready for submission)***

Upcoming Publications (in progress)

1. **Tharimena S.**, Panning M., Vance S.D., Staehler S.C., Boehm C., van Driel M., Seismic structure of Enceladus' ice shell from flexural and Crary modes, ***Journal of Geophysical Research: Planets (2020)***
2. **Tharimena S**., Rychert C.A, Harmon N., Resolving global discontinuity structure from the Moho to the mantle transition zone – an adaptive seismic imaging technique using reflected body waves, ***Geophysical Research Letters (2020)***
3. **Tharimena S**., Rychert C.A., Harmon N., Agius M., Kendall J.M., Melt at the lithosphere asthenosphere boundary beneath the equatorial mid-Atlantic Ridge, ***Journal of Geophysical Research: Solid Earth (2020)***

White Papers

1. Vance S.D., Banerdt S.W.B., Kedar S., Panning M.P., Pike T.W., Stahler S.C., **Tharimena** S., Planetary Seismology: The Solar System's Ocean Worlds, ***Jet Propulsion Laboratory, California Institute of Technology, Pasadena, CA (2020 – in process)***
2. **Tharimena** S., Katpatal Y.B., Spatial Decision Support System (SDSS) for ground water recharge through rooftop rainwater harvesting in urban areas using high resolution satellite data and GIS *(2011)*