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Heat transport in the high-pressure ice mantle of large icy moons.

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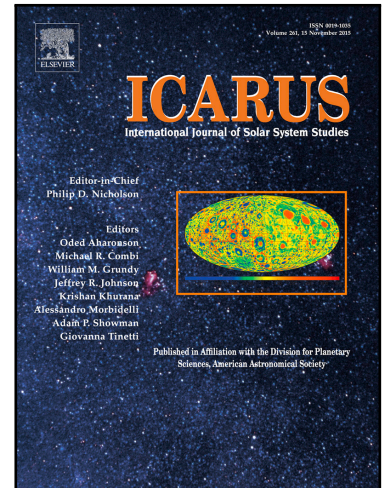
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Highlights

- 3D convection simulations tailored to specific structure of high-pressure ice mantle of large icy moons
- melting is introduced, melt extraction is assumed instantaneous
- HP mantle found globally cold but small areas always at/close to the melting point in hot upwellings
- heat flux from rock core accommodated by melting at rock core interface and melt extraction throughout the HP ice mantle

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