## 24th Australian Institute of Physics Congress



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## HF Radar Signatures of Surface Gravity Wave Spectra on Shear Flows

Tuesday, 13 December 2022 18:45 (15 minutes)

We develop a radar scattering theory for time-varying surfaces with anisotropic dispersion relations, and apply it to the problem of remote sensing of flows generated by internal gravity waves in the ocean.

Primary author: ANDERSON, Stuart (University of Adelaide)Presenter: ANDERSON, Stuart (University of Adelaide)Session Classification: Poster session

Track Classification: AIP Congress: AIP: Environmental Physics