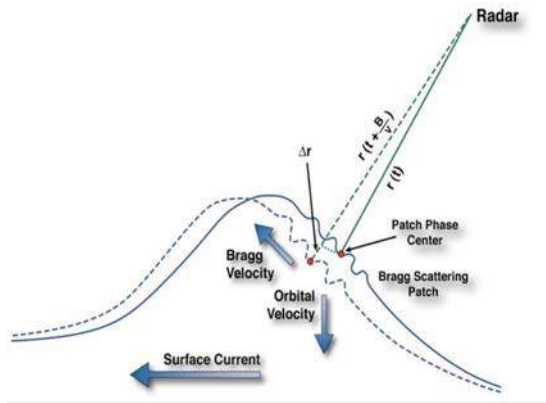


# Broad banded spectral analysis on direct numerical simulations of wind-wave coupling

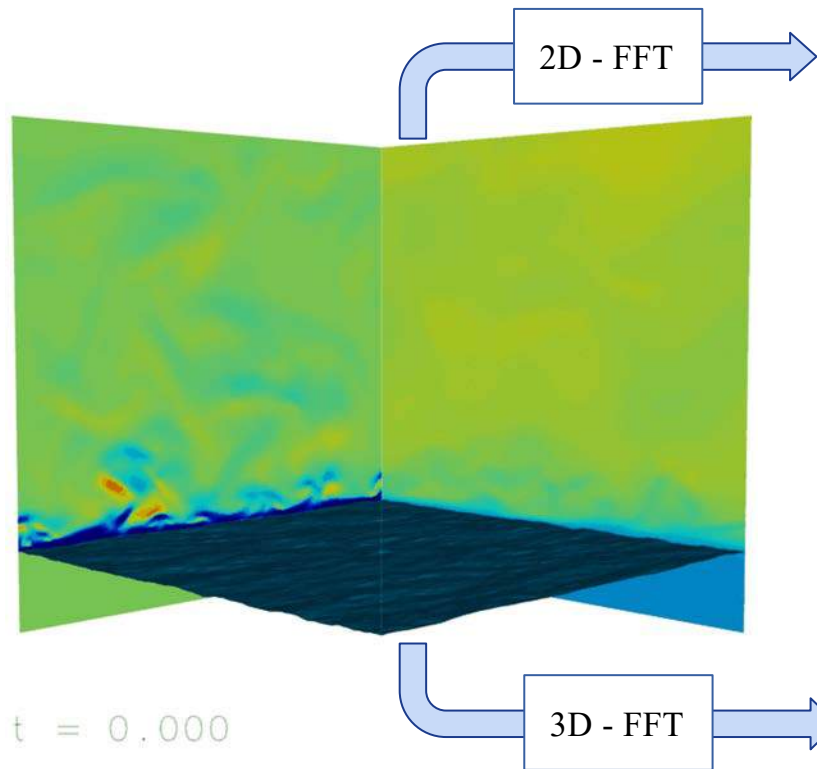
Clara Martin Blanco<sup>1</sup>, Jiarong Wu<sup>1</sup>, Nicolo Scapin<sup>1</sup>, Stéphane Popinet<sup>2</sup>, Tom Farrar<sup>3</sup>, Bertrand Chapron<sup>4</sup> and Luc Deike<sup>1,5</sup>

<sup>1</sup>Department of Mechanical and Aerospace Engineering, Princeton University, Princeton, NJ 08544, USA

<sup>2</sup>Institut Jean Le Rond d'Alembert, CNRS UMR 7190, Sorbonne Université, Paris 75005, France, <sup>3</sup>Woods Hole Oceanographic Institution, Woods Hole, MA 02543, USA, <sup>4</sup>Ifremer, 29280 Plouzané, France, <sup>5</sup>High Meadows Environmental Institute, Princeton University, Princeton, NJ 08544, US



Wineteer, A. et al. (2019). Roadmap to Space: Measuring Ocean Vector Winds and Currents with a Ka-Band Doppler Scatterometer. NASA Earth Science Technology Forum, JPL, Caltech.



Wind-wave Direct Numerical Simulation

