



Dr. Jian Cui

1. Background

M.Sc., Dalian Maritime University, 2007

M.Sc., Kobe University, 2009

PhD, Kobe University, May 2014

2. Topic and Supervisors

Compact FMCW Radar

• Supervisors: Dr. Ralf Bachmayer, Dr. Brad deYoung, Dr. Weimin Huang

3. Publication

- 1) J. Cui, R. Bachmayer, B. deYoung, and W. Huang, “[Experimental Investigation of Ocean Wave Measurement Using Short-range K-band Radar: Dock-based and Boat-based Wind Wave Measurements](#),” *Remote Sens.*, vol. 11, no. 3, 1607, 2019. (invited paper)
- 2) J. Cui, R. Bachmayer, B. deYoung, and W. Huang, “[Ocean Wave Measurement Using Short-range K-band Narrow Beam Continuous Wave Radar](#),” *Remote Sens.*, vol. 10, no. 8, 1242, 2018. (invited paper)
- 3) J. Cui, R. Bachmayer, B. deYoung, and W. Huang, “[Motion Compensation of K-band Radar Ocean Wave Measurement](#),” *MTS/IEEE Oceans*, Aberdeen, Scotland, 2017.
- 4) J. Cui, R. Bachmayer, B. deYoung, and W. Huang, “[Retrieval of Ocean Wave Characteristics from K-band Radar](#),” *MTS/IEEE Oceans*, Monterey, USA, 2016.
- 5) J. Cui*, R. Bachmayer, W. Huang, B. deYoung, “[Wave Height Measurement Using a Short-range FMCW Radar for Unmanned Surface Craft](#),” *MTS/IEEE Oceans*, Washington DC, USA, 2015.