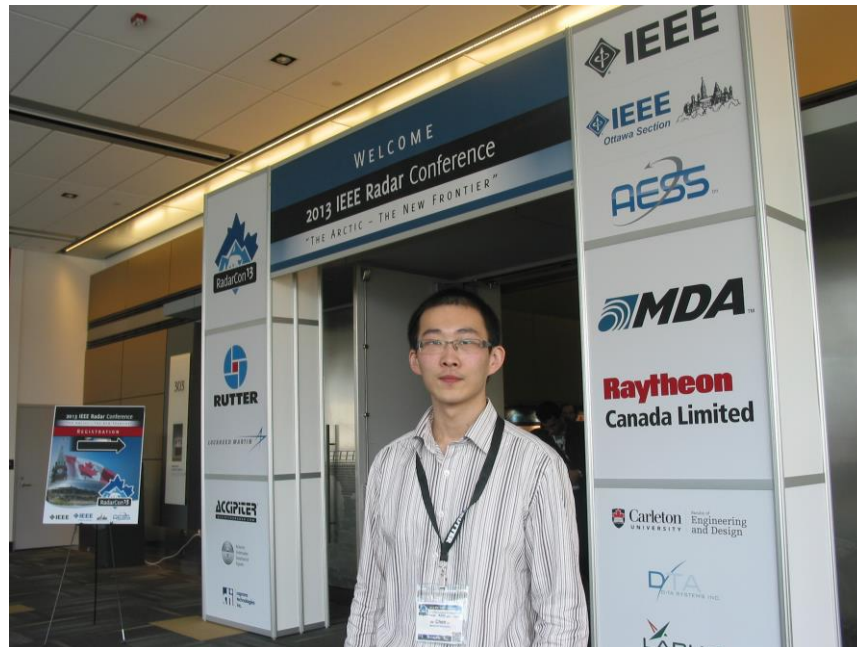


Mr. Chen Li



1. **Background**

B.Eng., Beihang University, 2011

M.Eng. Memorial University, May 2014

2. **Thesis and Supervisors**

Sea Surface Oil Spill Detection and Wind Field Measurement Using GNSS-R

• Supervisor: Dr. Weimin Huang

3. **Publication**

- 1) C. Li, W. Huang, and S. Gleason, "Dual antenna space-based GNSS-R ocean surface mapping: oil slick and tropical cyclone sensing", *IEEE J. Sel. Topics Appl. Earth Observ. Remote Sens.*, vol. 8, no. 1, pp. 425-435, 2015.
- 2) C. Li, W. Huang, and W. Wang, "Simulation Based Tropical Cyclone Sensing Using Space-based GNSS-R", *Oceans'14 MTS/IEEE*, St. John's, Canada, 2014.
- 3) C. Li and W. Huang, "An Algorithm for Sea Surface Wind Field Retrieval from GNSS-R Delay-Doppler Map", *IEEE Geosci. Remote Sens. Lett.*, vol. 11, no. 12, pp. 2110-2114, 2014.
- 4) C. Li, W. Huang, "Land Scattering Coefficient Distribution Retrieval from GNSS-R Signals", *IEEE NECEC Conference*, Newfoundland, Canada, 2013.
- 5) C. Li and W. Huang, "Sea Surface Wind Retrieval from GNSS Delay-Doppler Map Using Two-Dimensional Least-Squares Fitting", *Oceans'13 MTS/IEEE*, Bergen, Norway, 2013.
- 6) C. Li and W. Huang, "Simulating GNSS-R Delay-Doppler Maps of Oil Slick Sea Surfaces Under General Scenarios", *Prog. Electromagn. Res. B*, vol. 148, pp. 61-76, 2013.
- 7) C. Li and W. Huang, "Sea Surface Oil Slick Detection from GNSS-R Delay-Doppler Maps Using the Spatial Integration Approach", *IEEE RadarCon'13*, Ottawa, Canada, 2013.

8) C. Li and W. Huang, “A Simulation Process of Delay-Doppler Maps of Oil Slick Sea Surfaces Under General Scenarios”, *IEEE NECEC Conference*, Newfoundland, Canada, 2012.

4. Award

- Graduate Students’ Union Award in Excellence for Master’s Research at Memorial University, 2013
- Fellow of School of Graduate Studies
- Student Poster Paper Finalist of *MTS/IEEE Oceans’13*, Bergen, Norway, 2013.
- Wally Read Best Student Paper Award of *IEEE NECEC Conference*, Newfoundland, Canada, 2012.