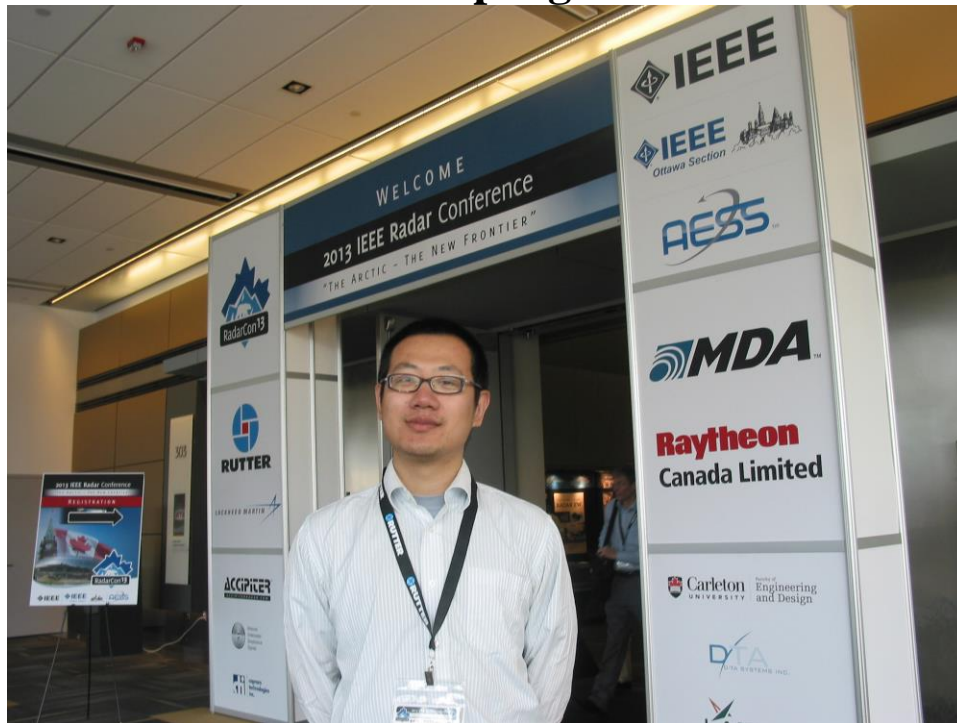


Mr. Supeng Chen



1. Background

B.Eng., Beijing Institute of Technology, 2005

M.Eng., China Academy of Launch Vehicle Technology, 2008

M.Eng. Memorial University, Dec., 2013

2. Thesis and Supervisors

Particle Filter based Target Tracking from X-band Nautical Radar Images

• *Supervisor: Dr. Weimin Huang*

3. Publication

1) S. Chen and W. Huang, “[Particle Filter Based Maneuvering Target Tracking from Nautical Radar Images](#)”, *Int. Conf. Remote Sens. Wireless Commun.*, Shanghai, China, pp. 401-405, 2014.

2) S. Chen and W. Huang, “[Maneuvering Target Tracking from Nautical Radar Images Using Particle-Kalman Filters](#)”, *J. Electromagnet. Wave*, vol. 27, no. 18, pp. 2366-2378, 2013.

3) S. Chen, W. Huang, “[Implementation of Particle filter for Target Tracking Using Nautical Radar](#)”, *IEEE NECEC Conference*, Newfoundland, Canada, 2013.

4) S. Chen, W. Huang, “[Target Tracking Using Particle filter with X-band Nautical Radar](#)”, *IEEE RadarCon'13*, Ottawa, Canada, 2013.

5) S. Chen, W. Huang, “[Application of Particle filter in Target Tracking from X-band Nautical Radar Images](#)”, *IEEE NECEC Conference*, Newfoundland, Canada, 2012.

6) S. Chen, W. Huang, C. Shen, “[Lessons learned from multi-clock designing of SpaceWire interface](#)”, *IEEE NECEC Conference*, Newfoundland, Canada, 2011.

4. Award

- Fellow of School of Graduate Studies