



Senior Research Scientist (2019-01)

At C-CORE, we are committed to investing in people and creating a dynamic and rewarding employment experience. C-CORE is seeking a **Senior Research Scientist** to work with its highly skilled team of business professionals, engineers and scientists. If you are a self-motivated team player and committed to excellence, this may be your opportunity.

C-CORE conducts R&D and provides research-based advisory services, delivering innovative engineering and technology solutions to national and international clients. Over the past 43 years, we have built a world class team of over 70 dedicated professionals, with a reputation for excellence in Remote Sensing, Ice Engineering, and Geotechnical Engineering. This position is located in our Ottawa office.

Duties:

We are seeking a senior research scientist to join our Ottawa team to support and lead ongoing research and development activities. These include research into future Synthetic Aperture Radar (SAR) concepts, orbital and coverage analysis of space missions, UAS sensor specifications and performance analysis of new Earth Observation (EO) and Remote Sensing (RS) concepts and applications.

Qualifications:

The successful candidate will have a record of accomplishment that demonstrates strong leadership, exceptional analysis and problem-solving skills, strong communication skills (spoken and written) and the ability to work in a team environment. A Master's degree in Physics, Mathematics or Electrical Engineering is preferred. We require a broad technical skill set for this position, and experience and knowledge in the following will be considered a strength:

- 10 years or more in researching and understanding EO sensors and design;
- 10 years or more in defining and developing and delivering EO applications to various clients;
- 10 years or more in the analysis of SAR signals and/or other signal processing experience;
- Knowledge of UAS technology, specifications, and capabilities;
- Strong software programming skills, including use of MATLAB for simulations;
- An advanced degree (PhD) or equivalent practical experience.

- Past research and publications in the field of EO or RS would be a plus, as would demonstrated experience in sensor specifications and analysis.

Location:

Ottawa, Ontario

Salary & Benefits:

C-CORE is committed to investing in people and creating a dynamic, rewarding employment experience.

C-CORE offers competitive salaries and benefits, including attractive vacation & leave entitlements, a generous retirement savings plan and medical & dental plans. We also offer numerous opportunities for professional and personal growth.

Apply to:

Qualified applicants should forward their résumé electronically to: careers@c-core.ca. Please quote Senior Research Scientist (2019-01) in your application. For further information, please refer to C-CORE website (www.c-core.ca).

Deadline for Submission:

January 18, 2019

C-CORE thanks all those who apply; however, only those whose skills most closely match the position will be contacted.