

CALL FOR APPLICATION

PH. D. STUDENT IN APPLIED COMPUTER SCIENCE OR ENGINEERING

« STATION FOR LEAK DETECTION THROUGH INFRARED TECHNOLOGY AND ARTIFICIAL INTELLIGENCE »

INTRODUCTION

Université Laval (ULaval), in collaboration with the Université du Québec à Rimouski (UQAR) and the Institut de recherche Robert-Sauvé en santé et en sécurité du travail (IRSST), is pleased to announce an exciting and challenging Ph.D. student position. We are seeking exceptional candidates to join our dynamic research team as part of an innovative project focused on detecting leaks in N95 masks using artificial intelligence methods.

SELECTION CRITERIA

- ✓ Candidates must hold a Master's degree (or equivalent) in a relevant field, such as computer science, electrical engineering, or a **related discipline**.
- ✓ Strong experience in artificial intelligence, machine learning, or computer vision is required.
- ✓ Excellent academic record.
- ✓ The ability to work collaboratively and solve complex problems is essential.
- ✓ A passion for research with a tangible impact on public health is an asset.

FUNDING & SCHOLARSHIPS

The student's Ph.D. program will be fully funded at a rate of **\$20,000 per year** (*additional benefits may apply*).

RESEARCH SUPERVISION

The student will benefit from the expertise and supervision of professors and researchers from the various project partners, including ULaval, UQAR, and IRSST.

Regular follow-up meetings will be conducted to ensure progress in the student's work.

The research work will primarily be conducted in the infrared laboratory at ULaval (Quebec). However, there may be opportunities for involvement at IRSST (Montreal).

APPLICATION PROCESS

Candidates are invited to submit their curriculum vitae, a letter of motivation outlining their interest in the project, and university transcripts.

The application deadline is **October 13, 2023**. Shortlisted candidates will be invited to interviews via ZOOM.

COMMITMENT TO DIVERSITY & INCLUSION

We are committed to promoting diversity and inclusion within our research team. Candidates from all backgrounds are strongly encouraged to apply.

CONTACT

For more information or to submit your application, please email: yacine_yaddaden@uqar.ca