



College of Engineering

UNIVERSITY OF WISCONSIN-MADISON

PhD Positions in Applied Electromagnetics at the University of Wisconsin-Madison

Assistant Professor Haihan Sun's group at the University of Wisconsin-Madison has two fully funded PhD positions in the field of applied electromagnetics. The research topics will be in the areas of

- intelligent electromagnetic sensing and non-destructive testing technologies
- advanced antenna systems for communication and sensing

For more information about Dr. Sun's research, please visit <https://haihan-sun.github.io/>.

Candidate Profile:

- Bachelor's and/or Master's degree in Electrical and Electronic Engineering or related fields
- Research experience and/or publication record in applied electromagnetics or artificial intelligence techniques (preferred)
- Highly motivated, capable of effectively communicating and collaborating with others, and have a strong work ethic
- English proficiency
Minimum TOEFL requirement: 92 internet (iBT); 580 paper-based test (PBT)
Minimum IELTS requirement: 7.0
- For other detailed requirements, please refer to <https://grad.wisc.edu/apply/requirements/>

What We Offer:

- Interdisciplinary and cutting-edge projects spanning the fields of applied electromagnetics, artificial intelligence, and other engineering disciplines
- Research Assistant stipend (at least \$31,000/year)
- Diverse, inclusive, and supportive working environment
- Collaboration with world-leading research groups at UW-Madison and beyond
- Networking opportunities through conferences and seminars

Application Instructions:

If you are interested in the position, please contact Dr. Sun at haihan.sun@wisc.edu.

- Subject: PhD Application – [Your Name]
- Please attach your CV, one-page cover letter, and transcripts to the email. In the cover letter, please elaborate on why you are a good fit for the position, your research interests, and how your previous experiences have prepared you for this role.

Online application: please refer to <https://grad.wisc.edu/apply/>

Important Timelines:

For Spring 2024 admission, please complete the application before October 01, 2023.

For Fall 2024 admission, please complete the application before December 15, 2023.