



## 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 multiple 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
- 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](mailto: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.

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

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