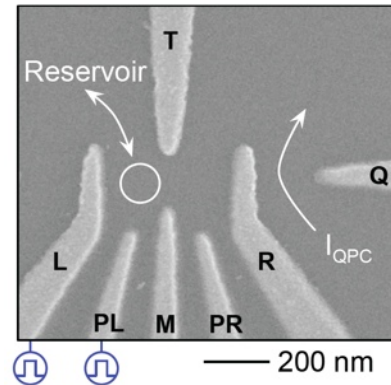


**Postdoctoral Positions: Si/SiGe Quantum Dots and Quantum Computing
Eriksson Group
Department of Physics
University of Wisconsin-Madison**

The Eriksson Group has openings for postdoctoral fellows in the area of Si/SiGe quantum dots and quantum computing.

Recent advances in our group include single-shot readout of single spins [[PRL 106, 156804 \(2011\)](#)], single-shot measurement of lifetimes of singlet-triplet states [[PRL 108, 046808 \(2012\)](#)], and most recently a record figure of merit in a charge qubit in silicon [[arXiv:1208.0519](#)].

The successful applicants will work with a dynamic group of researchers developing silicon quantum and nanoelectronics, including close collaboration with a strong team of experimental and theoretical colleagues.



Expertise in some of the following areas is required: nanolithography, nanofabrication, ultra-low temperature electronic measurement, nanoelectronics, quantum computing, and/or microwave electronics. State-of-the-art facilities for work in all of these areas are available.



The University of Wisconsin-Madison is one of the largest research universities in the United States. Its facilities include a large, fully equipped clean room, excellent facilities for microscopy and nanolithography, and, in the Eriksson group, extensive low-temperature electronic and microwave measurement capabilities. The university is located on an isthmus between two lakes in Madison, WI.

Applicants should submit by email a CV and arrange to have three letters of reference sent to:

Mark A. Eriksson
Department of Physics
University of Wisconsin-Madison
maeriksson@wisc.edu

Recent publications can be found at:
[Eriksson Group Papers](#)

UW-Madison is an equal opportunity/affirmative action employer. We promote excellence through diversity and encourage all qualified individuals to apply.

Eriksson Group Website: <http://uw.physics.wisc.edu/~eriksson/>