Faculty Positions in **QUANTUM SCIENCE AND TECHNOLOGY** at University of Michigan

The College of Engineering (COE) and the College of Literature, Science, and the Arts (LSA) at the University of Michigan invite applications for full-time tenure-track or tenured positions in quantum science and technology to begin August 28, 2023. As part of an initiative in quantum science and technology at the University, 8 new faculty will be hired. These faculty can be rostered in the following departments (jointly if appropriate): LSA/Physics, COE/Electrical and Computer Engineering, LSA/Math, COE/Computer Science and Engineering, LSA/Chemistry, COE/Materials Science and Engineering, depending on the best fit for the applicant.

Successful candidates will focus on foundational research and development for advanced quantum technologies exploiting entanglement and coherent superposition. We are particularly interested in people leading in transformative research and disruptive technologies, engaging and leveraging the University's existing strengths in quantum-light information science and technology, including advanced spectroscopy, quantum phenomena in semiconductors, Rydberg atoms, two-dimensional quantum materials, quantum integration, quantum dynamics and computation, quantum control, quantum field theories, and algorithms or systems software for quantum-information processing. We invite diverse candidates across all these areas to apply.

The University of Michigan is one of the world's leading research universities, with $1.72B in research expenditures (FY2022). It is ranked the #1 public research university by the National Science Foundation, and 3rd best U.S. public university by *US News and World Report* (2023). Our departments pride themselves on the mentoring of junior faculty towards a successful career. Ann Arbor is highly rated as a family friendly best-place-to-live.

Submit applications, and get additional info, at:
http://quantum.umich.edu/faculty-applications

Contact quantum-admin@umich.edu with any questions.

Review of Applications begins December 15, 2022.

MICHIGAN ENGINEERING
UNIVERSITY OF MICHIGAN

LSA COLLEGE OF LITERATURE, SCIENCE, AND THE ARTS
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