

Harvard University Department of Physics Colloquium

Monday, February 10, 2020

4:30PM ~ Jefferson Lab 250

Colloquium Tea

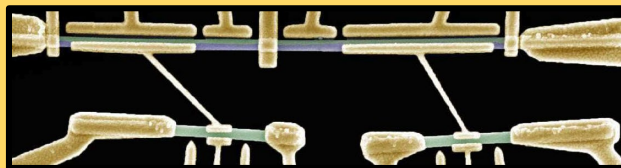
3:45PM ~ Jefferson Lab 450

Toward Topological Qubits

Charles Marcus
Microsoft Quantum Lab
Copenhagen



I will summarize recent progress in materials research and experimental condensed matter physics aimed at creating topological superconductivity to serve as a basis for topological quantum computing. Signatures of Majorana zero modes, the basic component of the approach, will be discussed, and challenges for future scaling to large-scale quantum computers addressed.



The Physics Monday Colloquium is supported by the Morris Loeb Lectureship Fund

For more information please go to : <https://www.physics.harvard.edu>