

PHYSICS SEMINAR

Careers in Physics

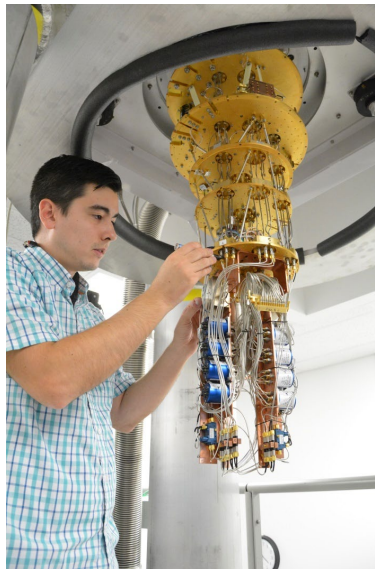
John Fusco and Mike DeFeo, Northrop Grumman

Thursday, October 15, 2026

12:30 – 1:30 p.m.

Wubben 264

Breakthroughs in physics drive the remarkable new technological developments that are reshaping our world. Many of today's greatest physics discoveries lie in the realms of quantum mechanics and quantum information science (QIS), supported by advances in superconducting electronics and materials science. These discoveries will revolutionize fields like cybersecurity, medicine, communications, financial services, and even transportation. Developing current and future physics research into real world applications will demand further technological breakthroughs to stimulate economic growth and keep pace with our global competitors. Worldwide investment in these vital new technology areas creates continued demand for technically diverse, highly skilled, and dedicated scientists and engineers. Consequently, academic institutions, government laboratories, and commercial companies all continue to seek trained physicists and engineers. Current and former leaders of industry's leading physics team will offer their insight into the various roles performed by physicists and provide perspective on developing a career in physics. They'll also provide advice on finding a good physics job in this new era of tremendous opportunity, including how to prepare and what to expect in a technical job interview.



Refreshments!