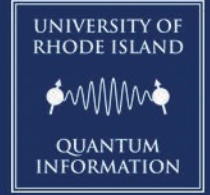
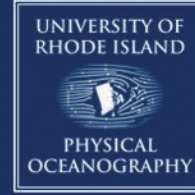
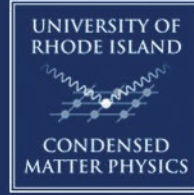
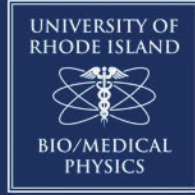
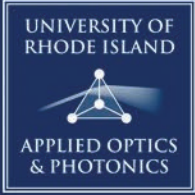


THE UNIVERSITY OF RHODE ISLAND

DEPARTMENT OF PHYSICS



You are invited to join us for a talk as part of our semester colloquium series

Presenter: Dr. Benjamin Young

Date & Time: Friday April 12, 2024
4:00 - 4:50 PM

Location: East Hall Room 112

Title: Toward Time Resolved Nuclear Spectroscopy

Abstract:

Optical and x-ray transient absorption studies have been remarkably successful in revealing mechanisms of fast processes, like charge carrier mobility and ligand to metal charge transfer, however thermal effects from laser-induced heating of samples complicates reliable interpretation of data. We seek to simplify the process of learning about photoactive systems by applying the general idea of these transient absorption pump-probe spectroscopies to nuclear experiments.

Benjamin Young received a Bachelor of Arts degree in Physics and Literature from Slippery Rock University. He received his Ph.D. in Physics from the University of Rhode Island in 2014 and has been teaching at Rhode Island College since then.



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