

Jack W. Simonson

Assistant Professor of Physics at Farmingdale State College

Farmingdale, NY, US

Dr. Simonson is an experimental condensed-matter physicist who is committed to engaging undergraduate students in real research.

Description

Dr. Simonson teaches introduction to physics courses and electromagnetic theory, and is a guest scientist at Brookhaven National Laboratory. He serves on the college's scholarship committee and is an adviser in the Department of Science, Technology and Society. He has been cited more than 400 times in peer-reviewed publications, and has presented papers at 15 academic events.

Availability

Keynote, Moderator, Panelist, Workshop

Industry Expertise

Education/Learning, Research

Topics

Condensed Matter Physics, Materials Science, Superconductivity, Low-Temperature Physics, Crystallography, Neutron Scattering, Thermoelectric Materials, Crystal Growth

Affiliations

American Physical Society, American Chemical Society

Past Talks

The search for delocalization in manganese pnictides

University of West Florida, Department of Physics

The search for new superconductors: one crystal at a time

Duquesne University, Department of Physics

Search for delocalization in the manganese pnictides

Centro Atomico Bariloche, Instituto Balseiro

High-spin/low-spin transition in CaMn_2Sb_2

2011 Superconductivity Program Review and USAF- China Workshop

Quantum criticality and CaMn₂Al₁₀"
Farmingdale State College Physics Colloquium

Designing new functional materials
Farmingdale State College Physics Colloquium

Education

University of Virginia
PhD Physics

College of William and Mary
BS Physics

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