

# **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.

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## **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.

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## **Availability**

Keynote, Moderator, Panelist, Workshop

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## **Industry Expertise**

Education/Learning, Research

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## **Topics**

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

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## **Affiliations**

American Physical Society, American Chemical Society

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## **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  $\text{CaMn}_2\text{Sb}_2$**

2011 Superconductivity Program Review and USAF- China Workshop

**Quantum criticality and  $\text{CaMn}_2\text{Al}_{10}$**   
Farmingdale State College Physics Colloquium

**Designing new functional materials**  
Farmingdale State College Physics Colloquium

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## **Education**

**University of Virginia**  
PhD Physics

**College of William and Mary**  
BS Physics

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