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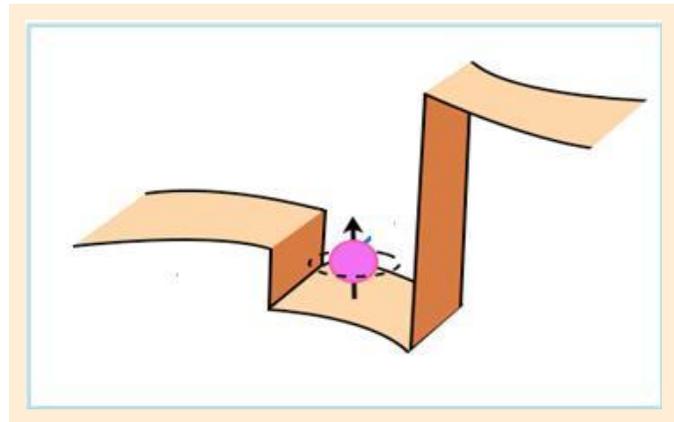
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Christopher Stanton
(Univ. of Florida, USA)

***15th International Conference
on Narrow Gap Systems (NGS)
Blacksburg, Virginia, USA
August 1-5, 2011***



Important Dates in 2011

First Call for Abstracts: January 18
Early Registration: March 15-June 30
Late Registration: June 30-August 1
Abstract Due Deadline: April 30
Notification of Acceptance: May 27
Final Papers Due: July 20

Conference Scope

Growth and Fabrication in NGS

- III-V narrow-gap semiconductors
- II-VI narrow-gap semiconductors
- IV-VI narrow-gap semiconductors
- Magnetic narrow-gap semiconductors
- Carbon-based narrow-gap systems
- Topological insulators
- New substrates, gate technologies,...

Physical Phenomena in NGS

- Spin-related phenomena
- Narrow-gap tunneling phenomena
- Infrared and terahertz phenomena
- Mesoscopic phenomena
- Quantum Hall effect, quantum spin Hall effect
- Landau level spectroscopy

Devices Based on NGS

- Spintronic and spin-photonic devices
- Infrared detectors, lasers, and LEDs
- High frequency electronic devices
- Terahertz emitters and detectors
- Hybrid structures with superconductors and ferromagnets

Conference Link:

<http://www.phys.vt.edu/NGS>



Photo by Josh Armstrong