

**Symposium on Undergraduate Nano-Education:  
"Addressing the Challenges of Nanoscale Science & Engineering Education"**

**Presentation:**

Clickers in the Classroom for Nanotechnology Education

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**Presenter Biography:**

Vincent LaBella is an Associate Professor at the College of Nanoscale Science and Engineering at the University at Albany – SUNY. He received a B.S. in Mechanical Engineering and a B.A. in Physics from Rutgers University in 1993. He received a Ph.D. in Physics from Rensselaer Polytechnic Institute in 1998 under the advisement of Professor Leo Schowalter and Carl Ventrice, Jr. in the fields of silicon MBE, scanning probes, and hot electron transport. He did a post-doc for 4 years at the University of Arkansas working with Paul Thibado in the fields of III-V MBE growth, surface science, and spintronics. In September of 2002 he joined the faculty at the University at Albany - SUNY in the College of Nanoscale Science and Engineering. He won the Faculty Early Career Development (CAREER) Program award in the spring of 2004 from the National Science Foundation. His research group focuses on hot electron transport through materials and material interfaces as well as spin injection and detection in semiconductors.

**Abstract:**

The utilization of audience response systems (clickers) in education settings has taken off over the past ten years. This presentation will focus on utilizing clickers in your classroom for effective pedagogy. It will demonstrate the practical ins and outs of utilizing such systems. In addition, and most importantly it will discuss question strategies for science and engineering disciplines. This insight has been gained after teaching graduate level quantum mechanics course using clickers for the past seven years at the College of Nanoscale Science and Engineering.