

February 27, 2009 by [Will Dube](#)

RIT Presents: The Next Generation of Imaging Detectors

National research symposium focuses on technology developments in quantum-limited imaging

The development of quantum-limited imaging detectors that could have major implications for biomedical imaging, astrophysics, defense and Earth systems science will be the focus of Rochester Institute of Technology's fifth annual IT Collaboratory Research Symposium.

The two-day event, directed by Don Figer professor of imaging science at RIT, will feature technical research sessions and presentations on critical application needs in medicine, defense and astronomy. Participants will include key scientists from academia, government and industry, including Massachusetts Institute of Technology, Raytheon Space and Airborne Systems and Teledyne.

The IT Collaboratory was established in 2001 by the New York State Office of Science, Technology and Academic Research as one of the state's Strategically Targeted Academic Research Centers. The research collaboration between RIT, the University of Buffalo and Alfred University focuses on technology and applications in nanomaterial science, microsystems, photonics and remote sensing.

WHAT: IT Collaboratory Research Symposium

WHO: Academic and industry experts in imaging detectors

WHEN: 8:30 a.m.–5 p.m. March 2–3

WHERE: Center for Integrated Manufacturing Studies, room 2220, RIT campus