



AGENDA

IT Collaboratory 2009 Research Symposium
March 2-3, 2009

Day One – Monday, March 2, 2009

Louise J. Slaughter Bldg #78 (CIMS)

OPENING SESSIONS

APPLICATION AREA REVIEW TALKS

8:30-9:00	Check-in & Continental Breakfast	CIMS Atrium
9:00-9:15	Welcome <i>Don Boyd, Vice President for Research, RIT</i>	CIMS 2230/2240
9:15-9:30	Symposium Overview <i>Don Figer, Director, Rochester Imaging Detector Laboratory, RIT</i>	CIMS 2230/2240
9:30-10:00	Why Detectors Are Important <i>Don Figer, Director, Rochester Imaging Detector Laboratory, RIT</i>	CIMS 2230/2240
10:00-10:15	Break	CIMS 2220/2210
10:15-11:00	Application Needs: Biomedical I <i>Andrew Berger, Associate Professor of Optics, The Institute of Optics at the University of Rochester</i>	CIMS 2230/2240
11:00-11:45	Application Needs: Biomedical II <i>Tim Tredwell, Research Fellow, Carestream Health</i>	CIMS 2230/2240
Noon-1:15	Lunch <i>Ed Hamilton, Executive Deputy Director, New York State Foundation for Science, Technology and Innovation (NYSTAR)</i>	CIMS 2220/2210
1:30-2:30	Application Needs: Astrophysics <i>Jim Beletic, Director of Astronomy & Civil Space, Teledyne Imaging Sensors</i>	CIMS 2230/2240
2:30-3:30	Application Needs: Earth Systems Science <i>Jeff Puschell, Principal Engineering Fellow, Raytheon Space and Airborne Systems</i> <i>Tom Chrien, Aerospace Corporation</i>	CIMS 2230/2240
3:30-3:45	Break	CIMS 2220/2210
3:45-4:15	Application Needs: Defense I <i>Bob Fiete & Dan Newman, ITT Space Systems Division</i>	
4:15-5:00	Application Needs: Defense II <i>Brian Aull, Technical Staff Member, Advanced Imaging Technology Research Group, MIT Lincoln Laboratory</i>	
5:00-6:00	Reception	CIMS Atrium



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QUANTUM-LIMITED IMAGING TECHNOLOGY

8:30-9:00	Continental Breakfast	CIMS 2220/2210
9:00-9:20	Digital Focal Planes <i>Matt Brown, Technical Staff Member, MIT Lincoln Laboratory</i>	CIMS 2230/2240
9:20-9:40	Ultra Low Noise Detectors <i>Zeljko Ignjatovic, Assistant Professor of Electrical and Computer Engineering, University of Rochester</i>	CIMS 2230/2240
9:40-10:00	Near-Infrared Single Photon Counting Detectors <i>Archie Holmes, Professor of Electrical and Computer Engineering, University of Virginia</i>	CIMS 2230/2240
10:00-10:20	SPNW, TES, STJ <i>Roman Sobolewski, Senior Scientist, Laboratory for Laser Energetics, University of Rochester</i>	CIMS 2230/2240
10:20-10:35	Break	CIMS 2220/2210
10:35-10:55	TBD	CIMS 2230/2240
10:55-11:15	GM-APDs for Imaging and LIDAR <i>Brian Aull, Technical Staff Member, Advanced Imaging Technology Research Group, MIT Lincoln Laboratory</i>	CIMS 2230/2240
11:15-11:35	Photon counting MCP <i>John Vallerga, Researcher, Space Sciences Laboratory, UC Berkley</i>	CIMS 2230/2240
11:40-Noon	Charge to Breakout Sessions <i>Don Figer, Director, Rochester Imaging Detector Laboratory, RIT</i>	CIMS 2230/2240
Noon-1:20	Lunch <i>Manny Contomanolis, Associate Vice President and Director, Cooperative Education & Career Services, RIT</i>	CIMS 2220/2210
1:20-3:30	Breakout Sessions <i>Biomedical (2120), Astrophysics (2130), Earth Systems Science (2150), Defense (2170)</i>	Breakout Rooms
3:30-3:40	Break	CIMS 2220/2210
3:40-5:00	Breakout Presentations & Closing <i>Don Figer, Director, Rochester Imaging Detector Laboratory, RIT</i>	CIMS 2230/2240

ROADMAP TO REALIZATION