

2008 MIRTHE Summer Workshop – Johns Hopkins University

	Sunday 8/3	Monday 8/4	Tuesday 8/5	Wednesday 8/6	Thursday 8/7	Friday 8/8
8:00-9:00		Breakfast & Registration <i>Levering Hall</i>	Breakfast <i>Levering Hall</i>	Breakfast <i>Levering Hall</i>	Breakfast <i>Levering Hall</i>	Breakfast <i>Levering Hall</i>
9:00-10:00 Hodson Hall		Claire Gmachl <i>Introduction</i>	Katalin Szlavecz and Andreas Terzis <i>"Life Under Your Feet: a Wireless Soil Ecology Network"</i>	Mikhail A. Belkin <i>"Towards room-temperature terahertz quantum cascade laser sources"</i>	Flash Poster Presentations (all poster presenters)	IAB & SAB Meeting <i>(Closed Session)</i> <i>Late Start for Student Participants</i>
10:00-10:30 Hodson Hall		Jacob Khurgin <i>"Everything you wanted to know about optical properties in the mid-IR ..."</i>	Stephen So <i>"Embedded Signal Processing Advances for Handheld Laser Spectroscopic Sensors and Sensor Networks"</i>	Mark Zondlo <i>"Laser Spectroscopy for Understanding Global Climate Change"</i>		
10:30- 10:50		Coffee Break Hodson Hall	Coffee Break Hodson Hall	Coffee Break Hodson Hall	Coffee Break Hodson Hall	Coffee Break Hodson Hall
10:50-12:30 Hodson Hall (unless noted)		Student Oral Presentations <i>Session I: Mid-IR Materials</i>	Student Oral Presentations <i>Session III: Sensor Systems</i>	Student Oral Presentations <i>Session V: QC Lasers & Design</i>	Undergraduate/ HS Poster Presentations <i>Glass Pavilion</i>	10:50 a.m. Ralph E. Taylor-Smith, PhD. General Partner, Battelle Ventures <i>"Commercialization opportunities for Mid-IR technologies"</i> Daniel Q. Tong, PhD. U.S. Environmental Protection Agency <i>"Rethinking the Emission Trading of Nitrogen Oxides in the United States"</i>
12:30-1:30		Lunch <i>Levering Hall</i>	Lunch <i>Levering Hall</i>	Lunch <i>Levering Hall</i>	12:30 pm Box Lunch Pick up at Hodson Hall 12:45 pm Depart from Mason Hall for Field Trip 2 – 4 p.m. <i>Goddard Space Flight Center (Remote Ozone Monitoring Garden & Science on a Sphere)</i>	Lunch <i>Levering Hall</i> Jurij Parasczczak. <i>"Green Technologies and Their Dependence on Sensors"</i>
1:30-2:30 Hodson Hall		Student Oral Presentations <i>Session II: Sensor Applications</i>	Student Oral Presentations <i>Session IV: QC Lasers</i>	SLC & All Students Retreat <i>SWOT Analysis</i> <i>Trip to D.C.</i> Bus departs Mason Hall @ 1 p.m. for National Mall		Faculty Retreat <i>Cub Hill excursion</i> Depart Mason Hall at 2 p.m. Depart Cub Hill at 4:00 p.m.
2:30-3:10 Hodson Hall		Coffee Break Hodson Hall	Coffee Break Hodson Hall	Return trip @ 9:30 p.m. from HRC (arrive JHU ~ 10 p.m.)		3:00 p.m. Coffee Break <i>Hodson Hall</i>
3:10-3:30		Neville Parker <i>"A Commitment to Development"</i> Shannon M. Brink & Lauren E. Capps <i>"Engineers w/o Borders"</i>	Judith A. Swan <i>Workshop "Writing in Science and Engineering"</i>			3:15 p.m. Ronald W. Waynant <i>"Tracking Down the Action Mechanisms of Medical Devices"</i> U.S. Food and Drug Agency
3:30 – 5:00 Hodson Hall						4:00 p.m. Claire Gmachl Closing Remarks & Award Ceremony
6:00	Welcome Reception & Dinner <i>Glass Pavilion</i>	Informal dinner <i>Glass Pavilion</i>	Local Specialties dinner <i>Glass Pavilion</i>	Dinner at Hard Rock Café in DC at 8:00 PM	Dinner in town (on own)	Conference Dinner National Aquarium in Baltimore 6:00 Depart Mason Hall 6:30 – 7:30 <i>Self Tour</i> 7:30 – 10:30 <i>Dinner</i>
						Baltimore Orioles vs Texas Rangers <i>Oriole Park at Camden Yards</i> Depart Mason Hall at 6:00 PM (Dinner on your own at ballpark)