



IEEE Global Humanitarian Technology Conference 2014

PROGRAM AT A GLANCE



Time	October 10, 2014 Friday	October 11, 2014 Saturday	October 12, 2014 Sunday	October 13, 2014 Monday	Time															
7:00am	Registration Open (1st Floor Lobby), Breakfast (Mezzanine Level)		Registration Open (1st Floor Lobby), Breakfast (Mezzanine Level)		7:00am															
8:00am - 10:00am	IEEE PES CSI (Community Solutions Initiative) Workshop (San Jose Ballroom) [Ray Larsen] Onsite Volunteers (Monterey Room) [Joe Decuir, Alan Mickelson]	Opening Plenary (California Ballroom) Catherine Nelson, Conference Chair Roberto de Marca, IEEE President & CEO Khanjan Mehta, Humanitarian Engineering Penn State "From Humanitarian Engagement to Sustainable Impact" Anil Gupta, Indian Institute of Management and Honey Bee Network "Empathetic innovations for closing the social technological gap"	Sunday Plenary (California Ballroom) Luke Filose, Intel Corporate Social Responsibility "Humanitarian Inc.? Exploring the Corporate Role in International Development Projects" Camille Crittenden, CITRIS UC Berkeley "IT Innovations for Human Rights, Civic Engagement and Humanitarian Development"	Monday Plenary (California Ballroom) Allyson Cote, Maternova "The Lifecycle of Innovations and Technologies for Empowering Women & Girls Worldwide" Invited Speakers for Each Track: <table border="1"> <tr> <th>SALON K</th> <th>SALON M</th> <th>SALON A</th> <th>SALON B</th> <th>SALON L</th> </tr> <tr> <td>Ray Larsen, Community Solutions Initiative Bulent Bicer, ASU [Soon Wan]</td> <td>Muhammed Zaman, BU Mario Aleman, SIGHT Nicaragua [Nick Massetti]</td> <td>Eric Rasmussen, IHS Laura Jacob, Palantir [Catherine Nelson]</td> <td>Lisha Sterling, GWB John Crowley, HHI [Joe Decuir]</td> <td>Scott Bornheimer, Becton-Dickinson John Coonrod, The Hunger Project [Ed Perkins]</td> </tr> </table>	SALON K	SALON M	SALON A	SALON B	SALON L	Ray Larsen, Community Solutions Initiative Bulent Bicer, ASU [Soon Wan]	Muhammed Zaman, BU Mario Aleman, SIGHT Nicaragua [Nick Massetti]	Eric Rasmussen, IHS Laura Jacob, Palantir [Catherine Nelson]	Lisha Sterling, GWB John Crowley, HHI [Joe Decuir]	Scott Bornheimer, Becton-Dickinson John Coonrod, The Hunger Project [Ed Perkins]	8:00am - 9:00am					
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Ray Larsen, Community Solutions Initiative Bulent Bicer, ASU [Soon Wan]		Muhammed Zaman, BU Mario Aleman, SIGHT Nicaragua [Nick Massetti]	Eric Rasmussen, IHS Laura Jacob, Palantir [Catherine Nelson]	Lisha Sterling, GWB John Crowley, HHI [Joe Decuir]	Scott Bornheimer, Becton-Dickinson John Coonrod, The Hunger Project [Ed Perkins]															
10:00am		Break and Exhibits - Mezzanine Level		Break and (Posters Presentation-SALON C, Exhibits-Mezzanine Level)		10:00am														
10:30am		IEEE SIGHT Meeting - SIGHT Members Only (Monterey Room) Exhibits Open (Mezzanine Level)	SAN JOSE BALLROOM Student Paper Contest - Top 5 Student Papers Presentation [Ramesh Nair]	SALON K (Session A1) Technical Paper Energy Track [Nathan Johnson]	SALON M (Session A2) Technical Paper Health Track [Michael Weber]	SALON A (Session A3) Technical Paper Disaster, Connectivity, & Communication Track [Joe Decuir]	SALON B (Session A4) Technical Paper Humanitarian Challenges & Opportunities Track [Michael Wilson]	SALON L (Session A5) Technical Paper Water and Agriculture Track [Alan Mickelson]	SALON K (Session D1) Technical Paper Energy Track [Soon Wan]	SALON M (Session D2) Technical Paper Health Track [Michael Weber]	SALON A (Session D3) Technical Paper Disaster, Connectivity, & Communication Track [Joe Decuir]	SALON B (Session D4) Technical Paper Humanitarian Challenges & Opportunities Track [Amy Wood]	SALON L (Session D5) Technical Paper Water and Agriculture Track [Ed Perkins]	SALON K (Session G1) Technical Paper Energy Track [Soon Wan]	SALON M (Session G2) Technical Paper Health Track [Nick Massetti]	SALON A (Session G3) X-Track Monitoring Safety and Security for Healthcare Workers in West Africa	SALON B (Session G4) Technical Paper Humanitarian Challenges & Opportunities Track [Nathan Johnson]	SALON L (Session G5) X-Track Human-centric Health: Empowering People with 24/7 Personalized	Panel Session: Humanitarian Technology Innovation @ Silicon Valley, and the rise of Social Enterprise (San Jose Ballroom)	10:30am
11:00am			11:00am																	
11:30am			11:30am																	
12:00pm			12:00pm																	
12:30pm			Lunch (Exhibits) - Mezzanine Level		Lunch and (Posters Presentation-SALON C, Exhibits-Mezzanine Level)		12:30pm													
1:30pm			Exhibits Open (Mezzanine Level) Mobile Emergency Operations Center Demonstration (Outside) [Ken Ducker, Palo Alto Emergency Services]	SALON C Posters Setup Posters Presentation	SALON K (Session B1) Technical Paper Energy Track [Daniel Soto]	SALON M (Session B2) Technical Paper Health Track [Nick Massetti]	SALON A (Session B3) Technical Paper Disaster, Connectivity, & Communication Track [Catherine Nelson]	SALON B (Session B4) Technical Paper Humanitarian Challenges & Opportunities Track [Lew Terman]	SALON L (Session B5) Technical Paper Water and Agriculture Track [Nathan Johnson]	SALON K (Session E1) Technical Paper Energy Track [Daniel Soto]	SALON M (Session E2) Technical Paper Health Track [Nick Massetti]	SALON A (Session E3) Technical Paper Health Track [Jennifer Head]	SALON B (Session E4) Technical Paper Humanitarian Challenges & Opportunities Track [Ahmed Amer]	SALON L (Session E5) Technical Paper Humanitarian Challenges & Opportunities Track [Rob Melich]	SALON K (Session H1) Lightning Talk Energy Track [Nathan Johnson]	SALON M (Session H2) Lightning Talk Health Track [Sylvia Figueira]	SALON A (Session H3) Lightning Talk Disaster, Connectivity, & Communication Track [Catherine Nelson]	SALON B (Session H4) Lightning Talk Humanitarian Challenges & Opportunities Track [Beryl Bellman]	SALON L (Session H5) Lightning Talk Water and Agriculture Track [Alan Mickelson]	1:30pm
2:00pm	2:00pm																			
2:30pm	2:30pm																			
3:00pm	3:00pm																			
3:30pm	Break and (Posters Presentation-SALON C, Exhibits-Mezzanine Level)			Break and (Posters Presentation-SALON C, Exhibits-Mezzanine Level)		3:30pm														
4:00pm	Registration Open (1st Floor Lobby) Welcome Reception (California Ballroom)	SAN JOSE BALLROOM Fostering Social Ventures Workshop: Fund Raising, Business and Presentations Skills [Catherine Nelson], [Azmat Malik], [Jennifer Stewart]		SALON K (Session C1) Demonstration NASA Solutions using Satellites Demonstration Autonomous Vehicle First Responder	SALON M (Session C2) Workshop Frontiers of Humanitarian Engineering: Learning from Social Justice, Feminism, and Failure	SALON A (Session C3) Demonstration WLAN Communication Demonstration HumanINet	SALON B (Session C4) Workshop IEEE EPICS (Engineering Projects In Community Service) [Nicholas Kirsch]	SALON L (Session C5) X-Track Tapan Parikh (UC Berkeley); Ravindra Joshi (IEEE Delhi HTC); Vineeth Vijayaraghavan (Solarillion Foundation); Devin Balkind (Sarapis) [Daniel Lottis]	SALON K (Session F1) Panel Session Human Trafficking: Research Perspectives on Challenges and Opportunities for Innovation	SALON M (Session F2) Panel Session Biomedical Innovations	SALON A (Session F3) Demonstration Technology & Information	SALON B (Session F4) Demonstration "Succinct Data" Communication System	SALON L (Session F5) X-Track Humanitarian Robotics (Raj Madhavan) Microgrid Examples and Discussion [Nathan Johnson]	Closing Plenary (California Ballroom) John McKnight, Salvation Army "From Crab Pots to Micro Chips: How Technology Has Been Applied To Humanitarian and Disaster Relief through the Last Century" Steve Hipkind, NASA "How the View from Space Improves Life on Earth" Catherine Nelson, GHTC 2014 Chair - Closing Comments Joe Decuir, GHTC 2015 Chair - Coming Next Year			4:00pm			
4:30pm		4:30pm																		
5:00pm		5:00pm																		
5:30pm		5:30pm																		
6:00pm		Break		Break		6:00pm														
6:30pm		Dinner Reception (California Ballroom)		Social Event & Awards Ceremony (California Ballroom)		6:30pm														
7:00pm		Donna Baranski-Walker, Rebuilding Alliance Maha Eigenaidi, Islamic Networks Group "A Human Response to Human Suffering: Technology, Gaza, and Perception" Bradley Younggren, Mobisante "Ultrasound Everywhere"		* Region 6 Awards [Jennifer Hershman] * GHTC Student Papers Awards [Ramesh Nair] * Global Humanitarian Engineering Awards [Andrew Perren] Laura Stachel and Brent Moellenberg, We Care Solar "Bringing the First 100 Watts to Last Mile Health Centers" Iana Aranda, ASME, Engineering for Change, EWB-USA NY "Trends in Engineering for Global Development"		7:00pm														
7:30pm - 9:30pm		Young Professionals Session (California Ballroom) Anh Bui, Benetech "Empowering Good People to Do Good: Unlocking Tech-For-Good Innovation" [Tim Worboys]	REGION 6 IEEE Santa Clara Valley Section SEATTLE SECTION VISION OF THE FUTURE IEEE Humanitarian AdHoc Committee		7:30pm - 9:30pm															