IEEE Global Humanitarian Technology Conference 2013
PROGRAM AT A GLANCE

IEEE — Advancing Technology for Humanity

Time	October 20, 2013 Sunday	October 21, 2013 Monday	October 22, 2013 Tuesday	October 23, 2013 Wednesday
7:00am		Registration Open, Breakfast	Registration Open, Breakfast	Registration Open, Breakfast
8:00am - 10:00am	USAID FROM THE AMERICAN PEOPLE / Community Solutions Initiative	**Monday Opening Plenary** (Mediterranean Center - Riveria & Granada) Keith Moore, Conference Chair; Peter Staecker, IEEE President; Tala de los Santos, PATH *"Diagnostics tools for neglected tropical diseases"*; Aydogan Ozcan, UCLA "Computational Microscopy, Sensing and Diagnostics for Telemedicine and Global Health Application"	**Tuesday Plenary** (Mediterranean Center - Riveria & Granada) Desiree Matel-Anderson, Federal Emergency Management Agency; Willow Brugh, Geeks Without Bounds *"Innovating in Times of Disaster"*; Gerardo Capiel, Benetech *"Making an Impact through Humanitarian Free and Open Source Software"*; Eric Brewer, UC Berkeley *"Technology and Infrastructure for Emerging Regions"*	**Wednesday Plenary** (Mediterranean Center - Riveria & Granada) Dominick Tolli, American Red Cross *"Red Cross Disaster Apps for Smartphones"*; Andy Vidan, MIT Lincoln Lab *"Advanced Technology Research and Capability Insertion"*; Nigel Snoad, Google Crisis Response *"Crisis Response - Google"*
10:00am		Break (Exhibits) - Prefunction Foyer	Break (Exhibits) - Prefunction Foyer	Break (Exhibits) - Prefunction Foyer

(IEEE PES CSI (Community Solutions Initiative) (Governor's House C+D) — vertical label in column)

Morning Sessions

Time	October 20 Sunday	Riveria & Granada	Castillian	Monte Carlo
10:30am / 11:00am / 11:30am / 12:00pm	**Registration Open** (Mediterranean Center - Prefunction Foyer)	**Monday** Session A1 — Energy I [Kendra Sharp]	Session A2 — Education I [Charles Herget]	Session A3 — Workshop: EPICS in IEEE — Kapil Dandekar, Prasanna Venkatesan
		Tuesday Session D1 — Health I [Lew Terman]; Feature Speaker: **Maurizio Vecchione**	Session D2 — Water & Agriculture I [Jay Pearlman]	Session D3 — Workshop: IEEE SIGHT — Kulkarni, Brown, Mathur, Herrera, Anand B
		Wednesday Session H1 — Humanitarian Challenges & Opportunities I [Jery Althaf]; Feature Speaker: **Pamela McCauley Bush**	Session H2 — Humanitarian Applications I [Nancy Searby]	Session H3 — X-Track: [Daniel Lottis] Feature Speakers: * Raj Madhavan * Roger Johnson * Smith & Bluff * Kevin Roe

Time	Sunday	Monday / Tuesday / Wednesday Lunch
12:30pm	**Tutorial Session A** Off-grid power - analysis and Practice (Governor's House A+B) 12:00pm - 3:00 pm	Lunch (Student Posters & Exhibits) - Prefunction Foyer / Lunch (Session E: Posters & Exhibits) - Prefunction Foyer / Lunch

Afternoon Sessions I

Time	Riveria & Granada	Castillian	Monte Carlo
1:30 / 2:00 / 2:30 / 3:00pm (Monday)	Session B1 — Energy II [Nathan Johnson]	Session B2 — B2.1 Education II [Ed Perkins]; B2.2: Disaster I [Mike Andrews]	Session B3 — Workshop: IEEE ADB eBooks for Learning [Tyde Richards]
(Tuesday)	Session F1 — Health II [Soon Wan]	Session F2 — Water & Agriculture II [Nancy Searby]	Session F3 — Panel: Culturally Relevant and Usable Innovation and Technology [Erna Grasz]
(Wednesday)	Session J1 — Humanitarian Challenges & Opportunities II [Jery Althaf]	Session J2 — J2.1 Humanitarian Applications II [Adil Usman]	Session J3 — X-Track: [Daniel Lottis] * Ferial El-Hawary * Ryan Bank

Time	Sunday	Monday/Tuesday/Wednesday
3:30pm	**Tutorial Session B** Building Affordable Community Networks (Governor's House A+B) 3:30pm - 6:45pm	Break (Student Posters & Exhibits) - Prefunction Foyer / Break (Session E: Posters & Exhibits) - Prefunction Foyer / Break

Afternoon Sessions II

Time	Riveria & Granada	Castillian	Monte Carlo
4:00 / 4:30 / 5:00 / 5:30pm (Monday)	Session C1 — Energy III [Nathan Johnson]	Session C2 — Disaster II [Mike Andrews]	Session C3 — Student Poster and Paper Contests [Ramesh Nair]
(Tuesday)	Session G1 — G1.1: Health III [Ed Perkins]; G1.2: Best Papers from GHTC-SAS [Ed Perkins]	Session G2 — Connectivity & Communication [Adil Usman]	Session G3 — Young Professional Project Contest [Soon Wan]

Wednesday (4:00pm): **Closing Plenary** (Mediterranean Center - Riveria & Granada) Keynote and Panel: Pamela McCauley Bush; Panelists: Ryan Bank, Nigel Snoad, Dominick Tolli, Andy Vidan *"Mobile Devices in Disaster Readiness and Response"*; Keith Moore, Conference Chair

GHTC Steering Committee Debrief Meeting (Governor's House C+D)

Evening

Time	Sunday	Monday	Tuesday
6:00pm	**Welcome Reception** (Mediterranean Center)	Break	Break
6:30 / 7:00pm		**Dinner Reception** (Mediterranean Center - Riveria & Granada) Keynotes: Jim Plummer, Stanford University *"Preparing Students for Innovative, Game Changing, Purposeful Careers"*; Tyler Valiquette, Catapult Design *"A Design Perspective on Engineering for Development: Get to Know your Users"*	**Social Event & Awards Ceremony** (Mediterranean Center - Riveria & Granada) Keynote: H. Timothy Hsiao, USAID *"Open Source Development and New Opportunities for Humanitarian Technologists"* * Region 6 Awards (Mike Andrews) * Region 7 Awards (Ferial El-Hawary) * GHTC Student Papers & Posters Awards (Ramesh Nair) * GHTC Photo Contest (Soon Wan) * GHTC Young Professional Project (Soon Wan) * Global Humanitarian Engineering Awards (Andrew Perren)
7:30pm - 9:30pm	**GOLD / WIE Session** (Mediterranean Center) Keynote: Thomson Nguyen, Framed Data *"Data Science for Good: How We Use Engineering and Machine Learning to Affect Societal Change"*		

IEEE Humanitarian AdHoc Committee
IEEE SIGHT — Special Interest Group on Humanitarian Technology
IEEE SEATTLE SECTION — VISION OF THE FUTURE