

2013 IEEE GLOBAL HUMANITARIAN TECHNOLOGY CONFERENCE (GHTC)

October 20 - 23, 2013 | Silicon Valley, California USA | San Jose Airport Garden Hotel



Technology for the Benefit of Humanity

www.ieeeghtc.org



Interested in helping change the world? Applying technology to improve lives in emerging countries and the underserved populations? Enabling advancement by inspiring local creativity, innovation and entrepreneurship? Fighting poverty globally?

Then attend the 2013 GHTC! This 3rd annual conference will bring together leaders of the engineering, science, and technology community from industry, academia, government agencies, NGOs, charities, and others from around the world who are interested in how technology can be used to advance humanity and lift populations out of poverty.

Why Attend?

- ✧ Hear papers and talk with the authors on leading edge developments.
- ✧ Listen to Keynote talks from recognized international experts
- ✧ Network with people from around the world who you would not normally meet who work in the humanitarian technology field
- ✧ Access the latest technological advances, understand the needs of emerging nations and underserved populations, and access funding and development information and opportunities.
- ✧ Visit the Forum Room - a unique opportunity for attendees to come together, post information on a project, request help with technology development or implementation, solicit volunteers, or post requests for collaboration.

Topics to be addressed include, but are not limited to:

- ✧ Health, Medical Technology, and Telemedicine
- ✧ Water Planning, Availability and Quality
- ✧ Disaster Warning, Avoidance, and Response
- ✧ Educational Technologies
- ✧ Agricultural Technologies
- ✧ Power Infrastructure/Off-grid Power/Renewable & Sustainable Energy
- ✧ Sanitation
- ✧ Connectivity and Communications Technologies for Remote Locations
- ✧ Applying Science, Engineering and Technology for Sustainability
- ✧ Humanitarian Challenges and Opportunities



Conference Chair
Keith Moore



Conference Vice-Chair
Soon Wan



Technical Program Co-Chairs
Ted Weiler, Randall Britto

Treasurer Ed Aoki
Past Treasurer Larry Hamerman



Publicity Chair
Verona Wong

Registration Chair
Dick Wilkins



Publications Chair
Joe Decuir

Tutorials Co-Chairs
Bill DeHope, Jim Miller,
Nathan Johnson, Shrikant Palkar



Sponsorship & Past Chair
Paul Kostek

Exhibition Co-Chairs
Colonel Mason, Wah Wah Myint



Webmaster and PR Chair
Inessa Pearce

Local Arrangement Chair
Tom Coughlin



Competition Chair
Elizabeth Johnston

GHTC-SAS Coordinators
Satish Babu, Wah Wah Myint



Advisory Committee
Lewis Terman
Jay Pearlman
Edward Perkins
Mike Andrews
Ray Larsen
Holly Schneider-Brown

For more information:
ieeeghtc@ieee.org

Sponsored by IEEE Seattle Section, IEEE San Francisco Bay Area Council and IEEE Region 6

Proud Patrons:



Call for Papers



2013 IEEE GLOBAL HUMANITARIAN TECHNOLOGY CONFERENCE (GHTC)
October 20 - 23, 2013 | Silicon Valley, California USA | San Jose Airport Garden Hotel

Technology for the Benefit of Humanity **www.ieeeghtc.org**

IEEE
Advancing Technology for Humanity

IEEE GLOBAL HUMANITARIAN TECHNOLOGY

Sponsored by IEEE Region 6, IEEE Seattle Section, and IEEE San Francisco Bay Area Council

On behalf of the IEEE Global Humanitarian Technology Conference 2013 Organizing Committee, we are pleased to invite you to participate in the program for GHTC 2013!

GHTC 2013 is the IEEE flagship annual conference designed to gather together scientists, engineers, technology professionals, academics, foundations, government and non-government organizations, and individuals engaged in humanitarian work to discuss and develop solutions for present and future humanitarian needs. An international conference, we anticipate participants from around the world to attend a program of invited talks, technical sessions, tutorials, exhibits, networking, and social activities.

Participation in GHTC 2013 is open to all individuals or organizations interested in applying technology to humanitarian goals and to non-technical individuals and organizations interested in learning about the application of technology to humanitarian challenges.

Following the Conference theme of "Technology for the Benefit of Humanity", topics include but are not limited to:

- Health, Medical Technology, and Telemedicine
- Water Planning, Availability and Quality
- Disaster Warning, Avoidance, and Response
- Educational Technologies
- Agricultural Technologies
- Power Infrastructure/Off-grid Power/Renewable and Sustainable Energy
- Sanitation
- Connectivity and Communications Technologies for Remote Locations
- Applying Science, Engineering and Technology for Sustainability
- Humanitarian Challenges and Opportunities

More information on technical sessions, registration for the conference, hotel reservations and exhibiting is available on the GHTC 2013 website www.ieeeghtc.org.

A Conference Proceedings of the accepted papers presented at the symposium will be published and included in IEEE Xplore. Electronic media containing all accepted GHTC 2013 submissions will be distributed to registered attendees.

Full Paper Submission Deadline: **May 11th, 2013**

- All submissions must be done online. For instructions and submissions: www.ieeeghtc.org/author-central
- All submissions must be written in English. Submissions must not be longer than 6 pages; submissions over 6 pages will not be considered. Minimum font is 10 point, single-spaced, and submissions may include figures, illustrations, and graphs.
- Notification of acceptance and rejection will be sent via email only, and the acceptance authors will be posted on the website by **July 15, 2013**.
- Authors of accepted papers will have an opportunity to revise their submissions for inclusion in the electronic media until **August 6th, 2013**.