

IEEE GHTC 2016 Call for Papers

The banner features the IEEE GHTC logo on the left, which includes a globe with stylized human figures and the text "IEEE GLOBAL HUMANITARIAN TECHNOLOGY". To the right is the conference title "IEEE GLOBAL HUMANITARIAN TECHNOLOGY CONFERENCE (GHTC)" in large bold letters, with the subtitle "Technology for the Benefit of Humanity" below it. The date "October 13 - 16, 2016" and location "Seattle, Washington USA" are also listed. The IEEE logo is on the far right with the tagline "Advancing Technology for Humanity". Technical Co-Sponsors listed include IEEE USA, EMB, MTT-S, IEEE PES, and IEEE SSIT.

Organized by IEEE Region 6 and IEEE Seattle Section

Abstracts Due: May 16, 2016

The Global Humanitarian Technology Conference (GHTC) is the flagship IEEE forum for presenting and discussing humanitarian technology innovation and deployment. GHTC invites presenters to highlight technologies that meet the needs of the vulnerable and resource constrained populations as well as those impacted by natural and man-made disasters. Papers should include a discussion of factors such as economics, policy, culture, and environment that impact successful humanitarian technology implementation. GHTC welcomes papers and posters on humanitarian technologies and their deployment. Proposals for case studies, panel discussions, and workshops on humanitarian technologies are welcome. We encourage participants from academia, government, industry, research and non-profit organizations, to attend, present, and exchange ideas for creation and implementation of effective humanitarian technology.

The Conference theme of "*Technology for the Benefit of Humanity*" is presented in nine focus areas:

1. **Energy**: Generation, and Distribution of Renewable Energy; Off-grid Energy for Lighting, Cooking and Heating.
2. **Health**: Medical technology, Telemedicine, Mobile Clinics, Primary Care and Nutrition.
3. **Disaster Management**—Disaster Planning and Preparedness; Predictive, Warning and Response Systems; Community Mobilization; Monitoring and Evaluation of Community Response.
4. **Connectivity & Communication**—Communication and Information Technologies, Systems, and Applications; Social Media and Its Application;
5. **Humanitarian Challenges & Opportunities**—Logistics and Transportation; Infrastructure, Information, and Human Security; Shelters; Interagency Coordination; Human-Centered System Design; Participatory Methods and Local Economic Stimulation.
6. **Water & Sanitation**—Clean Water; Sanitation; Solid Waste Management; Disease Vector Control; Drainage and Hygiene.
7. **Agriculture**—Agricultural Technologies, Irrigation and Farming Practices.
8. **Education**—Training and Capacity Building; Programs; Methods and Service Learning.
9. **Deployment**—Scale-up, Distribution, Implementation, and Commercialization of Humanitarian Technologies.

Authors may submit the initial abstract for a paper or poster presentation; or a proposal for a case study, panel discussion, and workshop. We especially encourage the inclusion of case studies and topics that are appropriate for interactive sessions. Submission of a full paper is required after initial abstract acceptance.

Submission Schedule:

May 16	Abstract or proposal submission deadline
June 30	Draft paper submission deadline for review
August 15	Final copy-ready paper submission deadline

- All submissions require an abstract for initial review and acceptance, submitted online at www.ieeeghtc.org/author-central.
- All submissions must follow content & length guidelines available at www.ieeeghtc.org/author-central.
- Necessary revisions must be completed before final acceptance.
- Notification of acceptance or rejection will be sent via email.
- At least one author of the accepted papers must attend and present at the conference.
- Attendees are responsible for obtaining the proper travel visas; the conference committee will send an invitation letter on request.

Presented papers will be published and included in IEEE Xplore. Electronic media containing all accepted GHTC abstracts and papers will be distributed to registered attendees. All presentations may be recorded.

More information related to conference is available on the GHTC website www.ieeeghtc.org.