Registration & Travel

Registration for HumTech2016 is now open and can be completed online on the conference website. Early Bird registration rates are available through 31 January 2016.

Attendees that may require a visa support letter should e-mail registration@humanitariantechnology.org with their request after completing the conference registration. Attendees must be registered before any support letters will be issued. We encourage you to apply for a visa no later than three months before the conference.

Venue

Revere Hotel Boston Common
200 Stuart Street
Boston, Massachusetts USA

Humanitarian Technology: Science, Systems and Global Impact 2016 will be held at the Revere Hotel Boston Common. The Boston/Cambridge area is defined by the distinctive experiences available around every corner and the elite research universities. Elegant architecture, thrilling sporting events, open green spaces, bustling streets of shops and cafes and a brilliant waterfront provide ample opportunity to explore the area's rich past, present and future. The locale is a cultural capital of the US including world-renowned music ensembles like The Boston Symphony Orchestra and the Handel and Haydn Society, in addition to hundreds of museums, such as the Museum of Fine Arts, the Museum of Science and the Children's Museum.

The excellent academic environment existing in Cambridge/Boston creates an ideal setting for this technical conference. There are over 50 institutions of higher education in the Greater Boston Area, including some of the most prestigious American universities including Boston University, Harvard University, the Massachusetts Institute of Technology (MIT), Northeastern University, and Tufts University. The fairly easy commute from many American and European cities positions Boston as an ideal host city for the HumTech international participants.

The Revere Hotel Boston Common is situated near Boston Common and Public Gardens, the country's first public park and botanical garden, and a short distance from MIT and Harvard University, HumTech2016's insitutional hosts.

A dynamic social program will take advantage of our Cambridge/Boston location, and will testify to Boston being "America's most historic and storied city" offering legendary cultural and historical attractions. We expect to organize trips to explore the emerging "crisis response research" community in the Greater Boston Area, including tours of research labs at MIT and Harvard.

HumTech 2016

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Call for Papers

You are invited to submit papers in all subject areas of humanitarian engineering and technology development. Papers describing **academic research** as well as **field work** are encouraged.

All accepted papers for contributed talks and posters will be included for publication in a published proceeding. We are excited to be working with Elsevier again to have the proceedings published in a dedicated issue as well as appear on Elsevier's ScienceDirect.com as open access. The HumTech2016 proceedings will therefore have the widest possible reach within the academic and broader community.

Full Papers and Abstract-Only submissions are sought. All Abstract-Only and Paper submissions should contain original and high quality work. Abstracts and papers should be submitted electronically, by following the instructions on the conference website. More than one abstract/paper may be submitted for consideration by an author or group of authors.

Abstract-Only submissions are appropriate for those authors that wish to contribute a talk or poster without submitting a full paper. An Abstract-Only submission is a short abstract (one page, ~500 words). Full papers will be given preference when selecting contributed talks.

Full Paper submissions can vary in length, and can be of the following styles:

    Rapid Communication (2 pages)
    Letter (2 – 4 pages)
    Article (4+ pages, max of 10 pages)

We believe that a healthy mix of these types of manuscripts will enhance the overall quality of the HumTech2016 conference proceedings. All submissions will be reviewed by 1 to 3 reviewers. Reviewers will be assigned by subject area expertise and any conflicts of interest will be avoided. Each submission will either be: accepted for a contributed talk, accepted for a contributed poster, deferred or rejected.

Travel Grants

Limited travel grants for international students or young researchers are available.

Please contact info@humanitariantechnology.org for more information. Please include a brief paragraph about your background and reasons for attending HumTech2016.

Special Sessions

HumTech2016 will feature a set of special sessions. These sessions will take the form of Invited Panel discussions and Hot-Topic Sessions.

Past conference session topics included discussions on impact investing in humanitarian technology, civilian-military coordination during large-scale crisis and humanitarian disasters, and information and communication technologies (ICT) for development and humanitarian operations.

Humanitarian Technology 2016
Science, Systems and Global Impact

7 - 9 June 2016
Boston-Cambridge, MA USA

www.humanitariantechnology.org

Humanitarian Technology: Science, Systems and Global Impact 2016 is a community-led conference being held in Boston, MA on **June 7 – 9, 2016**. It follows the successful HumTech2014 and HumTech2015 conferences, and is set to attract over 200 researchers, practitioners, and key thought leaders for a 3-day multi-disciplinary conference.

The purpose of HumTech2016 is to bring together scientists, engineers, technologists and policymakers from across academic, government, industry and non-government organizations to discuss, share and promote current research and recent accomplishments across all aspects of technology, from science to systems, that have a global humanitarian impact.

HumTech2016 will be an exciting, relevant and technically focused conference that will explore emerging technologies that further enable global humanitarian assistance. Conference tracks and subject topics will be presented within an operationally-relevant context, drawing as much as possible from real-world experiences in humanitarian operations and logistics, disaster relief, emergency management, disease management, global health initiatives, international development, and other areas.

Conference Committee

Conference Committee
Andy Vidan – Chair
David Lazer, Northeastern University
Daniel Shoag, Harvard University

Technical Program Committee
Willow Brugh, MIT
Benjamin Lee, National Renewable Energy Laboratory (NREL)
Khanjan Mehta, The Pennsylvania State University
Alex Moseson, USAID Global Development Lab
Brian Tomaszewski, Rochester Institute of Technology

Program Organizers and Reviewers
Alex Moseson, USAID Global Development Lab
David Polatty, U.S. Naval War College
Daniel Soto, Sonoma State University
Revi Sterling, NetHope

Industry Program Liaisons
Joseph Franceschi, iNGOvation, Inc.
Stephen Gordon, Salesforce.com
Brent Segal, Lockheed Martin

General Contact Information
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General Information: info@humanitariantechnology.org

Submissions and Technical Program:
program@humanitariantechnology.org

Registration:
registration@humanitariantechnology.org

Conference Tracks

The HumTech2016 Conference Tracks are:

A. Humanitarian Assistance / Disaster Relief
The Humanitarian Assistance and Disaster Relief track will explore technology-based solutions that help protect and provide relief to communities facing man-made and natural disasters. Subject topics include, but are not limited to, humanitarian operations, humanitarian logistics, and scalable humanitarian systems.

B. Health and Disease Management
The Health and Disease Management track will explore topics of relevance to global health research. Subject topics include, but are not limited to, emerging and epidemic diseases, rare, orphan and neglected diseases, public health emergencies, global health initiatives, global environmental health and strengthening existing healthcare systems. The track will provide a forum to exchange knowledge across the spectrum of innovative science, technology and policy being developed to tackle global health challenges.

C. Public Safety and Emergency Management
The Public Safety and Emergency Management track will explore technical challenges facing emergency responders and showcase innovative technologies that enable more effective response. The track will focus on design analysis, system architectures, core enabling technologies, and field evaluations of systems that allow emergency responders and private citizens to more effectively prepare, prevent, respond and recover from all-hazard emergencies and disasters. Subject topics include technology-based solutions across the entire disaster life cycle of preparedness, response, recovery, and mitigation.
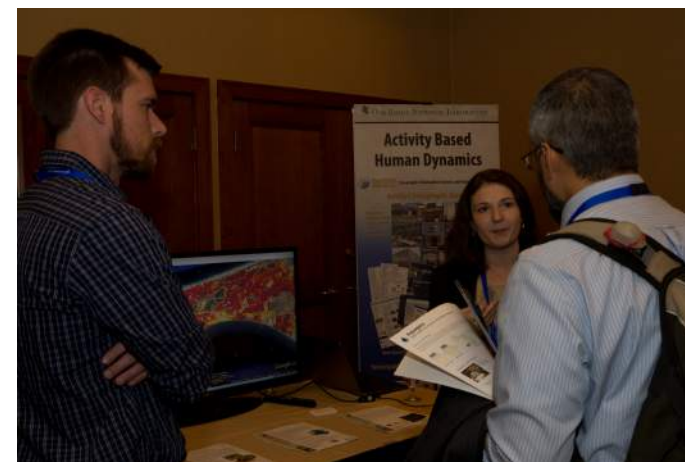
D. Emerging Technologies
The Emerging Technologies track will explore advanced research and technology development that promises to create smart cities and resilient communities, and alleviate the difficulties faced by developing communities. Subject topics include, but are not limited to, sensors, networks and systems, optical and rf devices, ad-hoc (wireless) networks, additive manufacturing, renewable energy, social media and big data analytics, unmanned platforms, autonomy and intelligent systems and resilient systems.

E. International Development, Poverty Alleviation and Food Security
The International Development, Poverty Alleviation and Food Security track will explore ways that technology can improve living standards across the globe. Technological enhancements in infrastructure and transportation, as well as sustainable food production and distribution, can play a significant role in improving the quality of life of the impoverished and hungry. Subject topics include, but are not limited to, sustainable engineering, information and communication technologies, sustainable agriculture, water scarcity, natural resource management, energy development, healthcare accessibility, and efficient sanitation systems.

F. Open Track: Water, Energy, Agriculture, Policy, Security, Education, ...
The Open track will explore topics across technology, social and economic policy, public-private partnerships, and social entrepreneurship. Emphasis will be placed on topics that have a broad global humanitarian impact and are a result of systematic and evidence-based research and field work.

Poster, Exhibit and Networking Session

The HumTech2016 Organizers invite you to demonstrate and exhibit services, products and technologies in the field of humanitarian engineering and international development.

A dynamic session is being planned that will offer a unique opportunity for posters, exhibits and hands-on technology demonstrations to be shared with researchers and field workers, students and academic faculty, government partners and thought leaders. This is a great opportunity to reach an influential audience.
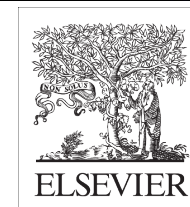
Please contact program@humanitariantechnology.org
for more information regarding exhibit opportunities.

Sponsors

HumTech2016 sponsors and supporters demonstrate their commitment to socially-conscious technology development among a select group of professionals, academics, government partners and thought leaders. Previous sponsors and supporters included Lockheed Martin, IBM, DigitalGlobe, Schlumberger, UPS, International Federation of Red Cross and Red Crescent Societies, and others.

If you are interested in being a sponsor, please contact the Program Chair at program@humanitariantechnology.org.

2016 Committed Sponsors

Key Dates

Call for Papers Announcement	1 October 2015
Paper Submission Deadline	6 February 2016
Abstract-Only Submissions	1 March 2016
Camera-Ready Copy Paper Submission	4 April 2016
Author Notification	1 March 2016
Early-Bird Registration Deadline	31 January 2016

Best Paper and Best Poster Awards

The top paper and top poster in select conference tracks will be awarded the Best Paper and Best Poster Award. Lead authors of the selected contributions will be presented with a plaque and awarded a gift during a public recognition at the closing session of the conference. All awards and gifts are made possible through the generous sponsorship the HumTech conference receives from its partners.

These competitive awards include:

Best Paper for Technical Excellence
Awarded to the authors of the contributed manuscript that has been judged, based on quality, originality, and clarity, for research of exceptional value in the field of humanitarian engineering and international development.

Best Paper for Outstanding Impact
Awarded to the authors of the contributed manuscript that has been judged, based on quality, originality, and clarity, to have generated, or to have the potential to generate, significant impact on society, at either the global or local level.

Best Poster or Technology Demonstration
Awarded to the authors of the contributed poster or technology demonstration that has been judged, based on quality, originality, and clarity, to demonstrate significant achievement and the most promising extension to further technological development and impact.