



GHTC 2017

IEEE Global Humanitarian Technology Conference

DoubleTree By Hilton San Jose, California, USA — October 19 – 22, 2017

Organized by IEEE Region 6 & IEEE Santa Clara Valley Section



Call for Tutorial Proposals

Now in its 7th year, IEEE Global Humanitarian Technology Conference - GHTC is the flagship IEEE Conference focusing on innovation, deployment and adaptation of Technology for Humanitarian Goals and Sustainable Development. We would like to solicit proposals for tutorials to be held in conjunction with the GHTC 2017. Tutorials will address the state-of-the-art of research and development providing a comprehensive overview of specific topics in Humanitarian Technology.

Tutorials aim to provide a comprehensive overview of specific topics in GHTC focus area. The topic covered should be of sufficient relevance with respect to the state-of-the-art; hands-on tutorials are highly encouraged. The audience for GHTC tutorials consists primarily of undergraduate and graduate students, college and university faculties, industry representatives, private investors, non-profit and federal organizations as well.

The course should be educational as well as cursory survey of techniques, and should be of interest to the entire Humanitarian Technology community, from novices in the world of GHTC to the most seasoned researchers, from people working in academia to industry professionals and practitioners. Although most tutorials are mini offerings (1-2 hours), half-day offerings (3-4 hours comprehending breaks), we also invite proposals for full-day courses (5-7 hours comprehending breaks) provided that the topic merits the additional time and can be anticipated to generate sufficient interest from our community.

REVIEWER PROCESS

Tutorial proposals will be evaluated on the basis of their estimated benefit to the community and their fit within the tutorials program as a whole. Factors to be considered include: relevance, timeliness, importance, and audience appeal; suitability for presentation in a mini, half or full day format; past experience and qualifications of the instructors. Selection will also be based on the overall distribution of topics, expected attendance, and specialties of the intended audiences.

We will ask for a copy of presentation materials (slides) prior to approval for any tutorials where the appropriateness is in question.

We are happy to discuss your suggestions before the deadline.



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ADVERTISEMENT, BUDGET, AND REGISTRATION

Tutorial organizers are responsible of the scientific organization and advertising of the event and the definition of the Tutorial program. GHTC local arrangements will provide rooms, two coffee breaks per day and A/V equipments. As in previous years, tutorials registration will follow the registration system:

- All attendees for the tutorials are required to register (see the example rates table below). If the participant wants only to attend the tutorial, and not the conference, they must pay not only the fee for the tutorial but also the fee for attendance at one day of the conference.
- The organizers of each accepted tutorial will receive one free conference registration per tutorial.
- 50% of tutorial registration fees collected by the conference will be paid to the tutorial organizer to help defray any presenter travel or other expenses.
- GHTC will not reimburse the tutorial presenter's travel and hotel expenses.

The GHTC will include information about all scheduled tutorials in its advertising materials and on the conference web site but the GHTC committee is not solely responsible for audience development. Tutorial presenters and their organizations are encouraged to do their own advertising and outreach to potential attendees.

If any GHTC tutorial does not secure approximately 5 paid participants by 15 days before the tutorial is due to take place, the GHTC organizers reserve the sole right to cancel this tutorial, and return any fees paid. While GHTC will immediately notify the tutorial organizer in the event of such cancellation, GHTC organizer accept no liability of any kind for such cancellation, including any expenses incurred by the tutorial organizer. The tutorial organizer confirms their understanding and acceptance of this as condition of making a submission.

HALF-DAY TUTORIAL REGISTRATION RATES

Registration Timeline	Student Rate (with student ID)	IEEE Members Rate	Non-IEEE Members Rate
Early / Advanced Registration	\$75	\$150	\$250
Late Registration	\$100	\$200	\$300



SUBMISSION DETAILS

Proposals for tutorials should contain:

Key focus areas that are particularly relevant include (but are not limited to):

- **Affordable & Clean Energy:** Generation, and Distribution of Renewable Energy; Off-grid Energy for Lighting, Cooking and Heating.
- **Agriculture & Food Security:** Agricultural Technologies, Irrigation and Farming Practices.
- **Clean Water & Sanitation:** Clean Water; Sanitation; Solid Waste Management; Disease Vector Control; Drainage and Hygiene.
- **Connectivity & Communication:** Communication and Information Technologies, Systems, and Applications; Social Media and Its Application;
- **Healthcare:** Medical technology, Telemedicine, Mobile Clinics, Primary Care and Nutrition.
- **Humanitarian Challenges & Opportunities:** Logistics and Transportation; Infrastructure, Information, and Human Security; Shelters; Interagency Coordination; Human-Centered System Design; Participatory Methods and Local Economic Stimulation.
- **Disaster Mitigation, Preparedness, Response & Recovery:** Disaster Planning and Preparedness; Predictive, Warning and Response Systems; Community Mobilization; Monitoring and Evaluation of Community Response.
- **Quality Education:** Training and Capacity Building; Programs; Methods and Service Learning.
- **Poverty Alleviation:** Scale-up, Distribution, Implementation, and Commercialization of Humanitarian Technologies.
- **Other United Nations Sustainable Development Goals**

Participation is invited from the public, private, education and research, societal and funding sectors. Researchers and policy makers, practitioners and representatives of end-user communities all have valuable contributions to make. Interdisciplinary and multi-disciplinary proposals are warmly encouraged; such approaches have proven highly effective in the development and application of technology for Sustainable Development and Humanitarian goals. Presenters must demonstrate a clear understanding of the interrelationship of their work with socio-cultural, socio-economic, policy and environmental factors, and clearly state preliminary, final or expected results and impact.



SUBMISSION SITE

EDAS GHTC site is open, [click here](#) to be redirected.

SUBMISSION GUIDELINES

Tutorial proposals should be submitted via EDAS (<https://edas.info/23205>) as a single PDF file containing the following sections:

- **Title**
- **Abstract:** 200 word summary of the tutorial purpose and content
- **Motivation:** Why is the topic timely and of particular interest to GHTC participants? What is the relation of this tutorial to other similar tutorials presented at other events? (one to three paragraphs)
- **Detailed Description:** Overview of content, description of the aims, presentation style, tutorial format, prior knowledge required by the attendees (max. 2 pages)
- **Audience:** Who and how many people are likely to attend? (one paragraph)
- **Length:** Please note that this year the proposed format for tutorials is mini-day, half-day or full-day. Half day tutorials are the target length. Full-day tutorials will be considered only for those cases where the need for additional time is properly justified and there is space available.
- **Presenters Curriculum Vitae:** Complete resume of all organizers / presenters - Name, affiliation, email address, homepage and short (one paragraph) biography of each chair, their expertise in the tutorial topic as well as their experiences in teaching and in tutorial presentation. Please indicate which presenter is the primary contact.
- **Requirements:** Audio-visual or technical requirements and any special room requirements (1-2 paragraphs).
- **Tutorial Material:** Overview of the material used for the tutorial. In case of slides, handouts or other teaching material please specify when the material will be made available and how (e.g, under a CC license to anyone, only to the attendees, etc.)



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Tutorial organizers are also responsible for the timely production and distribution of all material to be used for teaching the tutorial (slides, notes, technical papers, etc.). In the case of a hands-on tutorial requiring software, it is strongly recommended that tutors place any software prerequisites online for participants to download and install in advance of the start of the tutorial. Additionally, tutors should avoid, as much as possible, depending on live web-based services that could be hampered by unexpected technical-issues.

IMPORTANT DATES

Submission deadline for tutorial proposals:	May 14, 2017
Notification of acceptance:	June 2, 2017
Tutorial course material due:	August 18, 2017
Tutorial dates:	October 18, 2017

TUTORIAL CHAIRS

Professor Dr. Suryadip Chakraborty

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CO-CHAIR

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Please send inquiries concerning GHTC 2017 tutorials to the Tutorial Chair at suryadip.chakraborty@gmail.com.