

Humanitarian Technology Challenge



Technology for the Benefit of Humanity

Report By:
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IEEE R10 Coordinator

2009 Activities

- Mass mailer to all persons in R-10 through eNotice
 - Popular – Many responses
 - 200 people have written that they would like to contribute
- R10 HTC own website linked to R-10 web-site
- <http://ieeehc.net/r10>
 - Explains HTC very clearly
 - High hit rate - Good Google Ranking
- Page on FaceBook
 - Popular 106 members as on date

Web Site

HUMANITARIAN TECHNOLOGY CHALLENGE
IEEE R-10 - Asia Pacific

Home **What is HTC ?**

What is HTC ?

IEEE Humanitarian Technology Challenge is a forum started by IEEE and the United Nations to address the need to bring together humanitarian organizations, first responders, technical experts, corporations and philanthropic groups to address critical issues for the benefit of the vulnerable sections humanity.

Structurally, HTC is a project of IEEE in collaboration with the UN Foundation and the Vodafone Foundation. The IEEE Foundation will also participate in the HTC.

Within IEEE, an HTC steering committee has been formed with eight members headed by J. Roberto de Marca, VP Technical Activities as its chair. The Technical Societies are represented by Karl Perusich and the MGA by Michel Andrews.

HTC Plans

The project started in late 2007. In 2008, the UN foundation conducted a survey of requirements from the field, through personal interviews, sample surveys and focus group discussions. At the end of this process, 37 challenges were identified.

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graph TD; IFF[IEEE Foundation] --- UNF[UN Foundation & Vodafone Fdn.]; IFF --- UNF; SSC[IEEE HTC Steering Committee  
[R. de Marca, R. Lefevre]]; UNF --- SSC; IS[IEEE Societies  
[K. Perusich]]; UNF --- IS; IR[IEEE Regions  
[M. Andrews]]; UNF --- IR; SSC --- IS; SSC --- IR; IS --- TA[TA (Societies)]; IR --- MGA[MGA]; TA --- MIV[MOTIVATED IEEE VOLUNTEERS]; MGA --- MIV;
```

Calendar

February 2010

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

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Archives

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Recent Articles

[Science and Technology for Humanity](#)
[Challenge Conference](#)
[Humanitarian Technology Fund](#)

Links

[IEEE HQ HTC Site](#)
[UN Foundation HTC](#)
[IEEE R10 \(Asia Pacific\)](#)
[Humanitarian Technology Network](#)

- Popular
- Many Hits
- Top in Google
- Explains Well

Face Book

Humanitarian Technol... x Facebook | IEEE Hum... x +

http://www.facebook.com/pages/Asia-Pacific/IEEE-Humanitarian-Technology-R10/149643600773

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IEEE Humanitarian Technology (R10)

Wall Info Boxes Photos Discussions Notes +

What's on your mind?

Attach: [Icons] Share

Options

IEEE Humanitarian Technology (R10) IEEE HTC in a meeting in Washington, shortlisted three possible locations where the data connectivity pilot project could be implemented. They are Thailand, Philippines and Laos in the Asia-Pacific region. More in the Notes area:
19 November 2009 at 14:14 · Comment · Like · View feedback (2)

IEEE Humanitarian Technology (R10)
Thailand - Data Connectivity
Location: In southern part of Thailand, there are 14 provinces which locate along the Gulf of Thailand and Andaman Sea. Among many of these provinces, many Thais reside in many remote islands in which some islands are located very far away from the mainland...
19 November 2009 at 14:11 · Comment · Like · View feedback (1) · Share

IEEE Humanitarian Technology (R10)
Data Communications - Philippines
Aurora Province Philippines Aurora Map (a) The Location The location is in Aurora Province where difficult terrain and physical obstacles prevent patients from accessing expert quality care available in the cities...
19 November 2009 at 14:08 · Comment · Like · Share

IEEE Humanitarian Technology (R10)
Data Communication Eol - Lao PDR
Lao PDR in South East Asia. Unexploded Munitions - Rural hospitals need connectivity. The Location: Lao PDR is a country just North and East of Thailand. During the Vietnam War, it suffered the brunt of the war, with a lot of cluster bombs being dropped over their territory...
19 November 2009 at 13:57 · Comment · Like · Share

Chat (3)

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IEEE Humanitarian Technology (R10)
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Welcome to a unique collaborative and history-making approach to solving some of humanity's most pressing needs through technology.
http://ieeehctc.net
http://ieeehctn.org

Fans
6 of 118 fans See All

J Muraleemohan Lal
Supersoon Wan
Varsha Kr
Helene Hoi-Ying Fung
Philip Papachen James
Chaitanya Sudha

- Popular
- 118 Fans
- Discussions
- Notes

Activities 2009

- Meetings and Conferences
 - HTC Hour – Students Congress
 - Very well attended
 - 4 presentations by students on HTC
 - Dr Gowen's inspiring speech
- India Initiative – HTC Conference
 - Along with 125 year celebrations Bangalore
 - Selected NGOs represented
 - IEEE attended in good numbers
 - YJ / Janina and others from R-10

Activities 2009

Working with IEEE HQ

- HTC Solution Development Workshop June 2009
 - Three solution development groups
 - MGA group on HTC
- HTC Solution Development Workshop October 2009
 - R-10 contributions appreciated
- Shortlisting of Communication Challenge Pilots
 - Philippine / Thailand / Laos / Bolivia / Spain
 - Philippine / Thailand shortlisted

Activities 2009

- Solution Development Conferences
 - June 1st & 2nd
 - Technology Solution Developed
- Selection of Challenge Locations
 - October 24th
 - Implementation plans drawn up

IEEE R10 HTC – 2009 - Pictures



Plans 2010

Main workshop in Trivandrum

HUMANITARIAN TECHNOLOGY CHALLENGES OF THE 21st CENTURY- 20th and 21st Feb 2010.

- Bringing together leaders of NGOs and IEEE
- Set in a process of consultation
 - Sustainable Technologies
 - Technologies in Education
 - Technologies in Disaster Management
- Participation from UNDP / AIF / Plan International / NGOs from India
- CSO / Government Reps. / Young Engineers / Students

Activities 2010

- Member Engagement
- Involve members
 - Electronic Media
 - _ Website
 - _ FaceBook / LinkedIn / Discussion Groups
- Pilot projects – c/o HQ
 - Philippines
 - Thailand
- R10 is seen as an important contributor
 - Require more participation in HQ activities
 - Volunteers for pilot projects – Philippines / Thailand
- Other Workshops
- Workshop in March April in IIT Kharagpur
- Two more Workshop to be decided