

Building Momentum; Embracing Community:

Making a Difference 2010-2014 ...

- 2nd HIC Student Design Competition
at IEEE Canada CCECE, May 2014

- National **knowledge & innovation
collaboration** program between El
Salvador and Canada (2012-).



- IEEE Humanitarian
Technology Challenge
is **saving lives** in Peru's
Alto Amazonas (2011-).

- **Data Connectivity** of Rural District
Health Offices in **collaboration** with
the **local** IEEE Section, Algonquin
College and the University of Ottawa.
(2010-).

- 1st HIC Student Design Competition:
working with **WE CARE Solar** - a
provider and promoter
of safe motherhood
to **reduce maternal
mortality** in developing
regions – students
provided **Open Source
improvement**, extended use or re-
innovated the “solar suitcase.” (2010)



The IEEE, a not-for-profit with over 400,000
members worldwide, is the largest
professional organisation and driven to
“Advancing Technology for Humanity.”
Member based. Volunteer run.

www.ieee.org



1911-2011

100 years of technological excellence



The Toronto Section of the Institute of Electrical and Electronics Engineers



IEEE Newfoundland and Labrador Section



IEEE International Humanitarian Technology Conference

Montreal, Quebec
June 1-4, 2014

www.ihtc.ieee.ca

Objectives

“We technologists think that technology is the answer, but that is not quite right,” says IEEE Member Martin Murillo, who headed the wireless project in Peru along with IEEE Member Peter Spring. “Technology is just a tool that is part of a possible solution to a social problem.”

Promote and Strengthen the Humanitarian Initiatives Committee through Community Outreach at the Section Level.

- Educate and equip existing and prospective IEEE SIGHT leaders and supporters with the tools and skills to make a positive difference in society.
- Engage the local community through collaborative partnership
- Launch the IEEE Open Source Peer Review mechanism and support body.
- Engage and empower local citizens in underserved communities to develop sustainable, scalable social entrepreneurship by using Open Source solutions to grow their business and re-invest profits into their community.
- Reinforce support and development of IEEE Student Branches.

<http://theinstitute.ieee.org/benefits/humanitarian-efforts/providing-telemedicine-to-peru-medical-outposts>

A team of dedicated IEEE members have volunteered to purpose their technical talent and their time for engaging with local, national and international communities in improving their lives.

They welcome you to participate in the IEEE International Conference on Humanitarian Technology to build on the momentum of previous initiatives and become more able to do the same.

Checkout the amazing program, bios, and abstracts at: ihtc.ieee.ca

Humanitarian Initiatives Committee



The IEEE Humanitarian Initiatives Committee (HIC) started in the Fall 2009 to support and highlight the humanitarian work of IEEE Canada members.

HIC fast facts:

- Members include technical and non-technical people interested in humanitarianism.
- Hosted four student competitions
- Collaborated with local and international organisations to implement various projects.

New path:

To make a difference with Community Collaboration.

Conference Program Highlights

First to inaugurate the IEEE Open Source Licensing Framework – the IEEE Humanitarian Engineering Licencing Protocol (HELP).

Engage in how to “Fail Forward”:

- Engineers Without Borders presents its assessment strategies, and helps evaluate five years of the Humanitarian Technology Challenge.
- Discussion: Where should IEEE go from here?

Learn to engage in new projects and set-up for success:

- Considering diverse implications of technical solutions from a Canadian experience perspective.
- Defining humanitarian needs at the IEEE Community Engagement Workshop – What are the possibilities?
- "The Resilience Dilemma: Obstacles To The Intelligent Use of Emerging Technologies for International Development and Humanitarian Relief"

Learn what is new:

- Tens of double-blind reviewed academic papers on improving or emerging humanitarian technologies.
- Several Open Source solutions will be demonstrated.

