

# IEEE SIGHT

## Special Interest Group on Humanitarian Technology

### In this issue...

Note from the Chair

SIGHT Toolkit

Project Funding Deadlines

Newsletter Archive

Open Source for Development Projects

SIGHT at IST-Africa

IEEE Maker Project Contest

SIGHT at TenSymp

Deep Sea Voyage 2

ICT4D Solutions Library

Be in our next newsletter!

### Note from the Chair



Our newsletter this month brings SIGHT perspectives on three conferences around the

### IEEE Open Source for Development Projects: Are You In?



Alfredo Herrera

I was fortunate to attend this year's Open Source Convention (OSCON) on behalf of the IEEE community of individuals and groups desiring to address "global issues" in a tangible manner. OSCON is an annual convention for the discussion of free and open source software. Keynotes are freely available, and there are some that talk about topics of particular interest to our SIGHT community, for example:

- Dana Lewis' talk on the **Open Artificial Pancreas System**: "**Closing the loop: Open source community projects are changing health care**"
- Joseph Sirosh's stories about open data, open source, and open science: "**The unreasonable effectiveness of open data, open source, and open science**"

world: TenSymp in Indonesia, OSCON in the USA and IST-Africa in South Africa.

Through these glimpses we see that SIGHT is having an important effect on the broader IEEE community. And we'd like to underscore Alfredo Herrera's call from OSCON to contribute to the IEEE humanitarian repository of open source software.

Read on for highlights from your fellow SIGHTs. And, as always, thank you for everything that you do!

**Kartik Kulkarni**, Chair, IEEE SIGHT Steering Committee

## Find SIGHT Membership Resources at the Online SIGHT Toolkit



Learn about the new requirements of SIGHT membership and find resources to help accomplish your goals with the online **SIGHT Toolkit**.

## SIGHT Project Funding Deadlines

The Steering Committee continues accepting proposals for SIGHT **project funding**. The committee will award grants of US\$500 to nearly \$20,000. The activities that we fund must be completed by the end of 2016 to be considered.

Inspired in part by these presentations, I call on each one to join me in creating an open source community, by:

1. Creating a **free GitHub account** if you don't have one
2. Learning how to **contribute to a GitHub open-source project**
3. Helping build our **IEEE Humanitarian repository**

We plan to manage the quality of the Humanitarian Open Source projects on this new repository using IEEE's peer-review process. IEEE volunteers can host their personal project on-line and share with peers.

**Alfredo Herrera**, HAC Communications, HIC Chair, SIGHT-Ottawa Chair

**Full report: SIGHT Open Source Projects**

## SIGHT Earned Attention at IST Africa



SIGHT's event at IST-Africa may have attracted new volunteers, says Jineet Doshi, SIGHT Events Subcommittee Co-Chair. The IST-Africa conference was held last month in Durban, South Africa, and brought together government, industry and research institutions from around the world.

Members from 14 countries attended the SIGHT event at the conference. Miriam Cunningham, who founded the IST-Africa SIGHT, began the presentations with case studies. Paul Cunningham, a member of the Humanitarian Activities Committee and chief organizer of the IST-Africa conference, and Lwanga Herbert at Uganda SIGHT followed up with keynotes on their SIGHTs' activities. Then the participants spoke about their experiences in volunteering for the community.

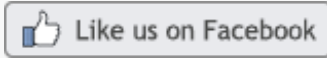
"The feedback from the participants was very promising," Doshi says.

## Final deadline of 2016:

- February 15
- May 15
- August 15

Good luck!

## Connect With Us



Join our mailing list

Forward to a friend

## Newsletter Archive



Ninety percent of the participants said they had not heard about SIGHT before attending the event, and afterward the same percentage said they are interested in forming a SIGHT group.

"Hopefully this is the catalyst for something promising for SIGHT in Africa," Doshi says.

### Full report: SIGHT at IST-Africa

## Win \$500 at the IEEE Maker Project

If you've been tinkering with a tech project that solves complex problems and has real-world applications, here's your chance to showcase your work. The IEEE Maker Project offers recognition and a \$500 prize. Apply by September 17.

Learn more at [IEEE Maker Project](#).

## A SIGHT Problem-Solving Competition Engaged TenSymp in Bali



Attendees of the Region 10 Symposium in Bali, Indonesia, became problem solvers of issues facing Indonesian communities. In a special event at the annual conference, Dr. Linawati at Udayana University presented three problems that Indonesian communities face, including waste management obstacles, poverty and dengue fever outbreaks. The audience then brainstormed solutions.

"The feedback received from participants was fantastic. Eighty-three percent of the participants rated the event 4/5 and above, and 88 percent of them said they would like to get involved in humanitarian activities by forming a SIGHT group," says Jineet Doshi, SIGHT Events Subcommittee Co-Chair.

The event was the first time in which SIGHT and IEEE Young Professionals co-invested in a separate track.

### Full report: SIGHT at TenSymp

## Deep Sea Voyage 2: The

# Artisanal Deep Sea Fishers SIGHT Update



"I'm happy to report that this term rapid progress has been made in establishing first-aid projects and awareness programs," says Geethu Sree, Editor of the ADSF SIGHT newsletter.

See the second edition of their newsletter here: [Deep Sea Voyage 2.](#)

## ICT4D at the E4C Solutions Library: Compare Products That Can Improve Your Projects

The screenshot shows the Engineering for Change Solutions Library website. The header includes the logo and navigation links: ABOUT, CONTRIBUTE, and SIGN OUT. The left sidebar has a search bar and a list of categories: ALL PRODUCTS, AGRICULTURE, ENERGY, HEALTH, HOUSING, INFO SYSTEMS, SANITATION, TRANSPORT, and WATER. The main content area displays a grid of product cards, each with a product image, a '+ compare' button, the product name, and the price.

Product Name	Price
AFD-1 Water Flow Sensor	\$105
Akvo Flow	\$0
Lumeter Customer Meter	\$0
MoMo Remote Sensor	\$100
mWater Explorer Mobile App	\$0
ReadyPay 10W Home Sta...	\$180-\$0
SWEETSense Technologies	\$400

The Solutions Library at Engineering for Change can make decisions easier when it comes to choosing which ICT4D hardware to use in your development projects. See specifications and compare products such as water flow sensors and smart electrical meters. The tool is free to use and it is constantly evolving, so your input can make a difference. For more, please see the [Information Systems category](#) at [E4C's Solutions Library](#).

## Deadlines for SIGHT Newsletter Submissions

Share news about your events, innovations and successes with the worldwide SIGHT community. Submit announcements or story ideas by the first of each month for a chance to see it in the next month's edition.

Submission guidelines:

- 150 words or less
- Include photos! (with captions)
- Include Web links! (Interested people will want more information)

Please send correspondence to Rob Goodier at [r.goodier@ieee.org](mailto:r.goodier@ieee.org). Thank you!