

# IEEE SIGHT

Special Interest Group on  
Humanitarian Technology

## NEWSLETTER

MARCH 2017



*Chair, IEEE SIGHT Steering Committee*

### Note from the Chair

Last month I called on you to share your stories of SIGHT volunteerism with us and our community, and this month I'd like to extend that request once more. Please tell us about your experience volunteering with SIGHT, and tell your story through words and photos. We'll post some of your experiences on our Web site. You can email us at [sight@ieee.org](mailto:sight@ieee.org).

Read on for news about your fellow SIGHTs around the world. And thank you for everything that you do!

*Timothy Lee*

## Featured Stories

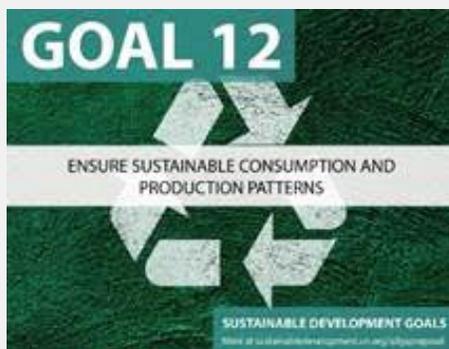
### 2017 SIGHT Projects Proposal Deadlines

The SIGHT Steering Committee is soliciting proposals for project funding. The committee will review proposals during three periods in 2017 and will grant awards of US\$500 - \$19,999.

#### Submission deadlines:

- Period I, March 15, 2017
- Period II, May 15, 2017
- Period III, August 15, 2017

#### [Request for Proposals](#)



### Submissions Sought for the Global Humanitarian Technology Solutions Challenge

IEEE Region 6 and the Global Humanitarian Technology Conference (GHTC) are seeking submissions for the Global Humanitarian Technology Solutions Challenge.

The challenge will focus on UN Sustainable Development Goal 12, to end hunger, achieve food security and improved nutrition and promote sustainable agriculture.

The deadline for statements of intent is July 15.

### **Details and application information**



## **Solar Workshops, an Observatory, Assistive Tech and More in Alberta, Canada**

The Southern Alberta Section SIGHT in Canada used a \$20,000 grant to develop solar electrification workshops, mobile, computer hardware maintenance, and basic science and mathematics modules to teach kids on the

Siksika First Nation's reserve. Now the SAS SIGHT is helping the Siksika develop a continuing education center.

**[Read on at SIGHT's news pages.](#)**



## **Twenty-eight homes in Kerala get electricity**

IEEE SIGHT, IEEE PES, IEEE WIE of IEEE Student branch Thangal Kunju Musaliar College of Engineering (TKMCE) and EEE Department of TKMC joined hands with Kerala State Electricity Board, Ayur subdivision to provide

electricity for 28 homes at Edamulackal Panchayat, Kollam, Kerala on 16th February, 2017.

**[Read on at SIGHT's news pages.](#)**



## **SIGHT builds a tilapia pond and solar-powered kitchen with indigenous communities in Paraguay**

Volunteers with SIGHT Paraguay are building a tilapia pond and a solar kitchen in two indigenous communities.

The solar kitchen is designed to help residents of the Toba Qom community bake bread.

"This will allow them to be more sustainable and will empower them, because they will also sell it," says José Benítez, the SIGHT Paraguay Group Organizer.

The volunteers are also working with the Natán Foundation to build the tilapia pond in the Mbya Guaraní community. The first stage is the construction of the pond and the second stage will be a mechanized fishing system, Mr. Benítez says.



## IEEE volunteers present assistive tech prototypes at UTAR Engineering and Science Fiesta

The IEEE-UTAR Student Branch, IEEE-EMBS Student Club, and MySIGHT4Rehab showcased their work building devices to help rehabilitate children with movement disorders at the UTAR Engineering and Science Fiesta February 20 - 21. The devices are aimed at Affordability, Accessibility, and Availability of rehabilitation equipment .

Read on at [SIGHT's news pages](#).



## Potential new SIGHTs and energizing less active groups: IEEE R10 report

I am Celia Shahnaz, the Communications Chair of the 2017 SIGHT Steering Committee, and as a part of the strategy this year I've sought potential sections and student branches to form

future SIGHTs. I am also trying to energize less active SIGHTs, to train prospective SIGHTs that have already filed petitions and to create awareness about SIGHT activities among section leaders, faculty members and student volunteers of IEEE Student branches in diversified parts of R10 who are yet to form SIGHT groups. This is a report on those efforts during the latest IEEE R10 meetings.

Read on at [SIGHT's news pages](#).



RAS-SIGHT projects include a robotic demining challenge.

## RAS-SIGHT Wants You!

New SIGHT members and anybody who is interested are encouraged to participate in the Robotics and Automation Society SIGHT, says the group's Chair Raj Madhavan.

"RAS-SIGHT brings together researchers, developers, and like-minded people to contribute to various humanitarian activities where robotics and automation technologies can be put to constructive use towards increasing the quality of life in underserved, underdeveloped areas around the globe

including all Regions of the IEEE," Madhavan told The Society Sentinel, the IEEE Technical Activities newsletter.

Learn more: [Implementing Robotics and Automation Technology for Social Impact](#)

## E4C Webinar: Equipping Development Actors to Practice Impact Design



The rise of "impact design" acknowledges that the world's most pressing, complex challenges demand transdisciplinary collaboration. This webinar articulates a range of models that today's development actors employ in the practice of impact design.

Earn a Professional Development Hour awarded by IEEE upon completion of the video.



[sight.ieee.org](http://sight.ieee.org)

## Want More? Visit SIGHT's Site!

IEEE SIGHT's Web site is live. Visit to find case studies, an interactive map of SIGHTs worldwide, testimonials, a blog, calendar and more. To read more stories, see our **Blog**. And see SIGHT **In The News**.

## Get Involved - Find Resources

### Become a SIGHT Member

Membership is free and open to all individuals who want to engage in sustainable development. Your membership benefits include the monthly SIGHT newsletter, as well as SIGHT announcements.

**SIGHT Membership**

### Become a Community Partner

We are in search of committed community

### Find a SIGHT

Professional and University SIGHT groups around the globe are partnering with communities and local organizations to leverage for sustainable development.

**Find a Group**

### Start a SIGHT

If a SIGHT group does not exist in your area, click below to access the SIGHT Toolkit, a

partners with a distinct technology challenge who want to access engineering and technical resources. Requests from prospective community partners are reviewed monthly and paired with local SIGHT groups if appropriate.

[Submit request](#)

custom resource for those who wish to create a new SIGHT for their community or understand what is involved in creating a new SIGHT.

[Start a SIGHT](#)

## Connect With Us

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