

**On HTC 2018**  
**IEEE Region 10 Conference**  
from  
**6-8 December 2018**  
at  
**Sri Lanka Institute of Information Technology**

**Kithsiri Liyanage**  
**Sri Lanka Section**  
**IEEE R10 Meeting**  
**Langkawi, Malaysia**  
**4 Mar, 2018**

# Theme

## Sustainable Technologies for Humanity

This theme was chosen to draw special attention of the audience to the societal expectation on humanitarian technologies' ability to provide practical and lasting solutions

# Logo

Globe represents Region 10

Shaded figures in that posture represents, irrespective of ethnic diversity and gender among the members of R10, we should unite in global and humanitarian issues.

3 arrows depicts sustainability (we should innovate technologies which can sustain) and colors represents Sky (cyan), Water and (blue) Earth (green)



# Conference Coverage

## Topics of interest for papers/ special sessions/ workshops/ tutorials/ exhibits include

- Robotics, control systems and automation
- Cloud computing, big data, architecture, mobile and wireless communications,
- Optical and phonic communications, optical networks
- Biomedical engineering
- Circuits, systems and signal processing,
- Power electronics, machines and drives, high voltage
- Telecommunication technologies
- Semiconductor, phonics and nanotechnology
- Energy and environment
- IoT and enabling technologies
- Information and communication technologies

with the focus on

- Health care
- Social welfare
- Poverty alleviation
- Education
- Disaster management
- Sustainability and environment
- Food and agriculture
- Women empowerment
- Other humanitarian aspects

# Conference Organizing

## Local Organization Committee

Conference Chair	Prof. Kithsiri Liyanage
Conference Vice-Chair	Dr. Pradeep Abeygunawardena
Technical Program Chair	Prof. Ruwan Gopura
Technical Program Co-Chair	Mr. Viraj Muthugala
Publication Chair	Dr. Himal Suraweera
Conference Secretary	Mrs. Dilrukshi Gamage
Finance Chair	Dr. Sarath Kumara
Publicity Chair	Dr. Jeevani Jayasinghe
External Relationships Chair	Dr. Ruwan Ranaweera
Awards/Travel Grants Chair	Dr. Sanath Jayawardena
Registration Chair	Dr. Damith Chathuranga
Workshops Chair	Dr. Maheshi Dissanayaka
Exhibitions and Patronage chair	Dr. Dilum Bandara

## International Organization Committee from R10

### (Proposed/Invited)

Prof. Sheikh Anwarul Fattah  
Dr. Celia Shahnaz  
Prof. Rajesh Ingle  
Mr. Pasan Pethiyagode  
Prof. Nivas Ravichandran  
Prof. Zuhaina Zakaria  
Mr. Ravikiran Annaswamy  
Prof. Dr. Ir. Fitri Yuli Zulkifli

## Advisory Panel from R10 (Proposed/Invited)

Prof. Kukjin Chun	Prof. Lawrence, Wai Choong Wong
Dr. Ramakrishna Kappagantu	Prof. Toshio Fukuda
Prof. Sri Niwas Singh	Prof. Yong Jin Park
Prof. Akinori Nishihara	Prof. SoYoung Kim
Prof. Byung-Gook Park	Prof. Rajnish Gupta
Prof. Parkash Lohana	Prof. Ramalatha Marimuthu
Prof. Chun Che (Lance) Fung	Prof. Michael Ong
	Prof. Sheikh Anwarul Fattah

# Program Schedule with Important Dates

Day 1 (December 6) Pre-Conference Tutorials and Workshops				
Session	Activity			
Morning	Tutorials /Workshops 1	Tutorials /Workshops 2	Tutorials /Workshops 3	Tutorials /Workshops 4
Lunch				
Afternoon	Tutorials /Workshops 1	Tutorials /Workshops 2	Tutorials /Workshops 3	Tutorials /Workshops 4
Evening	City visit			

Day 2 (December 7)					
Session	Activity				
Morning	Opening session followed by two Keynote Presentations			Exhibition	
Lunch					
Afternoon	Presentation Track 1	Presentation Track 2	Presentation Track 3	Presentation Track 4	Exhibition
Evening	Visit to Galle and Banquet				

# Tentative Program Schedule with Important Dates

Day 3 (December 8)					
Session	Activity				
Morning	Presentation Track 5	Presentation Track 6	Presentation Track 7	Presentation Track 8	Hackathon /Design competitions
Lunch					
Afternoon	Presentation Track 9	Presentation Track 10	Presentation Track 11	Presentation Track 12	Hackathon /Design competitions
Evening	Closing Ceremony				

Important Dates	
Proposals for workshops, tutorials and special sessions	15 March 2018
Notification of acceptance for workshops, tutorials and special sessions	30 March 2018
Full-length papers submission Open	02 April 2018
Deadline for submission of full-length papers	15 July 2018
Notification of acceptance for papers	30 September 2018
Camera-ready paper submission	31 October 2018

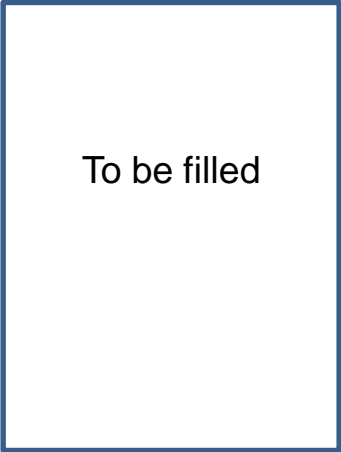
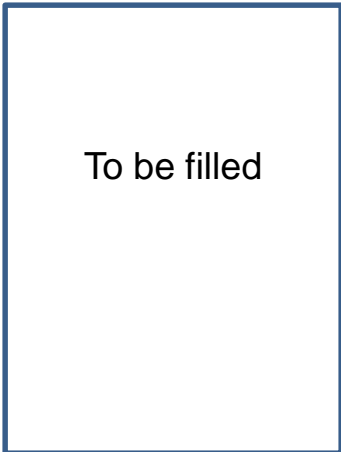
# Keynote Speakers (invited)



Prof. Xavier Fernando

Professor and  
Director, Ryerson  
Communications Lab

General Chair, IEEE  
Canada International  
Humanitarian  
Technology  
Conference, July  
2017, Toronto,  
Canada



# Call for Proposals for Workshops and Tutorials



All are invited  
to submit proposals for a workshop aligned with the  
**mission and the objectives** of the conference  
to : [workshop.HTC2018@gmail.com](mailto:workshop.HTC2018@gmail.com)

Important  
Dates

Open – 15th February 2018  
Deadline – 15th March 2018  
Acceptance – 30th March 2018

For details : <http://sites.ieee.org/r10-htc-2018/>

Contact : Dr. Maheshi Dissanayake ([maheshid@ee.pdn.ac.lk](mailto:maheshid@ee.pdn.ac.lk))  
Miss Sachini Ekanayake ([emspe9353@gmail.com](mailto:emspe9353@gmail.com))



# Conference Fees

Options	If you are	Fee in USD		Includes
		Until 31st Nov	After 31st Nov	
Full conference	IEEE Member	350	400	All the technical sessions, tutorials and workshops. Conference kit Lunch, morning Tea and Evening Tea all 3 days Conference Banquet and a visit to Galle where the Banquet is hosted
	Non IEEE Member	400	450	
	Student	200	225	
Tutorial and Workshop only	IEEE Member	75	100	Tutorial and Workshops. Lunch, Morning Tea and Evening Tea
	Non IEEE Member	100	150	
	Student	30	50	
Day Registration	Any one	175		The technical sessions during the day Lunch, morning Tea and Evening Tea

# Awards

## Travel Awards

1. Broadening Participation (BP) Travel Awards
2. Author Participation (AP) Travel Grant

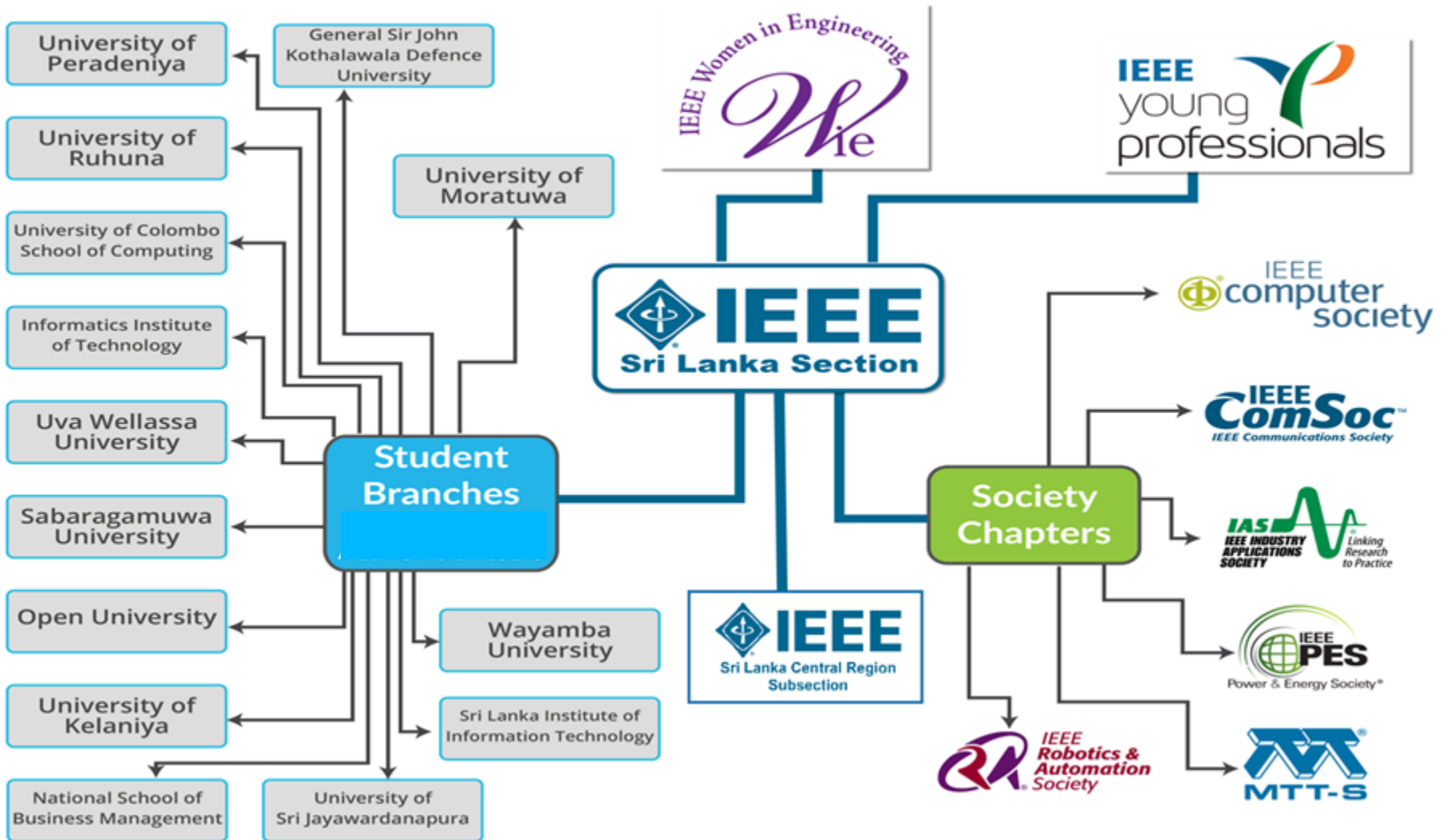
Travel Awards will cover conference registration or part thereof and partial reimbursement for travel subjected to maximum limits stipulated.

Travel awardees are entitled to reimburse travel and lodging expenses after attendance at HTC 2018 and the information will be provided when travel awards are announced.

## Merit Awards

1. Best conference paper award
2. Best student paper award
3. Best exhibit on humanitarian technology award
4. Best paper for each track
5. Awards for the winners of Hackathons and Design Competitions

# Glance at IEEE Sri Lanka Section



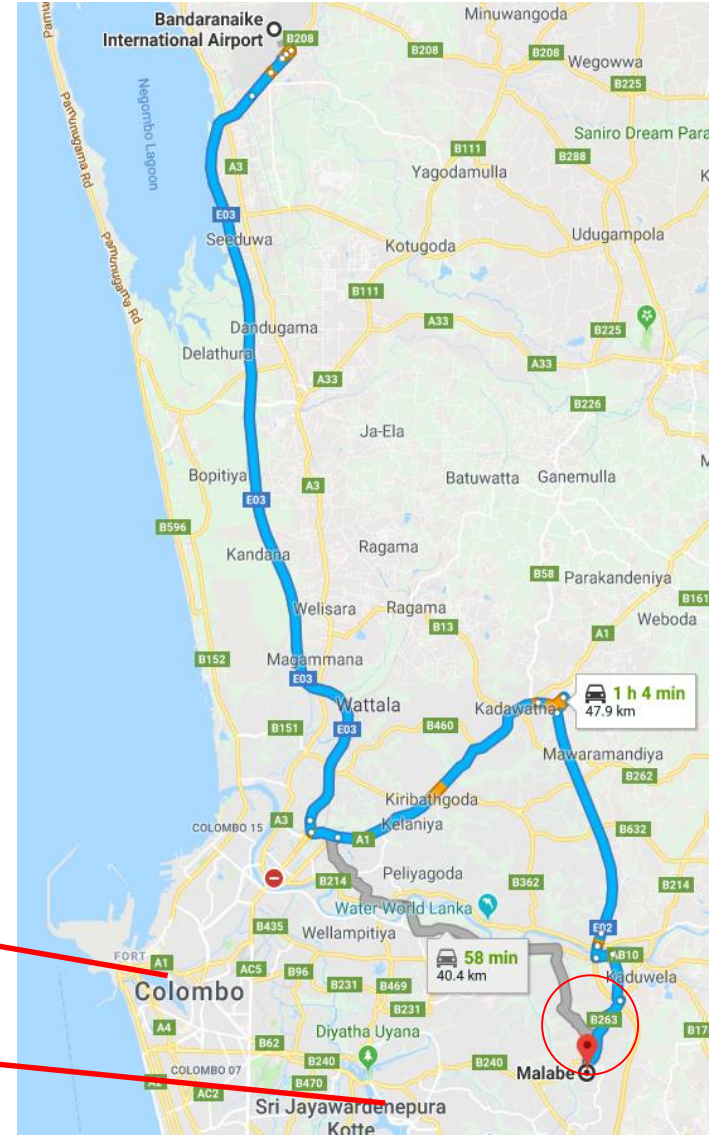
Membership Status	H	H Total	LF	F	F Total	LS	SM	SM Total	LM	M	M Total	AM	AM Total	GSM	GSM Total	Higher Grade Total	StM	StM Total	Grand Total
Active	0	0	1	1	2	0	34	34	3	376	379	1	1	64	64	480	609	609	1089

# Dates and Venue

December 6 -8 , 2018 at

Sri Lanka Institute of Information Technology

Malabe, Colombo



# Contact Information

Website: <http://r10htc2018.com/>

LinkedIn: <https://www.linkedin.com/company/ieeer10htc2018/>

Facebook: <https://www.facebook.com/HTC2018/>

# Acknowledgments

- IEEE Region 10 for awarding the hosting of 2018 HTC
- All individuals from R10 who are helping us in advisory and organizing capacity
- IEEE R10 HTC 2017 General Chair and his committee for the offer to help us
- Past Chairs/Committees and Volunteers of IEEE Sri Lanka section
- SLIIT for providing Venue
- Our sponsors
- All others who are going to help us to make this a success





**Welcome to IEEE R10 HTC 2018**  
**Colombo Sri Lanka**  
**December 6-8, 2018**

**Looking Forward to Seeing you All in Colombo  
Sri Lanka in December ...**

**Thank You**





# Initial Call for Papers and Proposals

## IEEE R10 Humanitarian Technology Conference 2018

6th – 8th December 2018

Sri Lanka Institute of Information Technology, Colombo, Sri Lanka

[sites.ieee.org/r10-htc-2018](http://sites.ieee.org/r10-htc-2018)

### Important Dates

Proposals for workshops and special sessions

15 March 2018

Notification of acceptance for workshops and special sessions

30 March 2018

Full-length papers submission Open

01 April 2018

Deadline for submission of full-length papers

15 July 2018

Notification of acceptance for papers

30 September 2018

Camera-ready paper submission

31 October 2018

### Committee

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Dr. Malakshi Diasenayake

Exhibitions and Patronage chair

Dr. Dilum Bandara

IEEE R10 HTC 2018 organized and host by IEEE Sri Lanka Section, will be held in Colombo from December 6-8, 2018. The theme of this year's conference "Sustainable Technology for Humanity" is to draw special attention to the societal expectation on humanitarian technologies' ability to provide practical and lasting solutions.

Topics of interest for papers/ special sessions/ workshops/ tutorials/ exhibits include, but not limited to

- Robotics, control systems and automation
- Cloud computing, big data, architecture, mobile and wireless communications,
- Optical and photonic communications, optical networks
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- Health care
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- Women empowerment
- Other humanitarian aspects

### Contact information

for special session proposal and full paper submission:

[r10htc.special.session@gmail.com](mailto:r10htc.special.session@gmail.com)

for workshop proposals: [malakhd@cc.pdn.ac.lk](mailto:malakhd@cc.pdn.ac.lk)

for exhibitions: [dilumb@cc.mrtac.lk](mailto:dilumb@cc.mrtac.lk)

for sponsorships: [sarath@cc.pdn.ac.lk](mailto:sarath@cc.pdn.ac.lk)