



# 2020 IEEE R10 EXCOM MEETING

07 March 2020, Ho Chi Minh city, Vietnam

*Chris Gwo Giun Lee*  
*2019-2020 R10 Industry Relations Committee Chair*  
*2020 Industry Relations Committee Plan*

# Vision



**Leadership in bridging industry & academia**

# Mission



**Cross pollinate between Industry & academia to foster Innovation, Internship & Entrepreneurship**

# Paradigm Shift in Technology

**Industry 1.0: Energy**   **Industry 2.0: Electricity**



**Industry 3.0: Information**   **Industry 4.0: AI**



# Human Centric: Thriving for Health & Wellness in Balancing Mind Body Soul

# Industry Relations Committee 2020 Work Plan

## Committee Structure

- 1.Honorable Advisors: [Stefan Mozar](#), (Australia), [Toshihiko Sugie](#) (Japan), [Amarnath Raja](#) (India)
- 2.Chair: [Chris Gwo Giun Lee](#) Vice Chair: [Amit Kumar](#)
- 3.Members: [Emi Yano](#) (WIE Chair, Japan), [Michelle Wang](#) (Fubon, Taiwan), [Soumaya Jaber](#) (IEEE South Australian WIE Chair), [Suresh Nair](#) (NeST Group, India), [Narendra Kumar](#) (U. of Malaya, Malaysia), [Satriyo Dharmanto](#) (CEO, Multikom, Indonesia), [Chii-Wann Lin](#) (ITRI, Taiwan), [Takuo Suzuki](#) (YP Chair, Japan), [Nirmil Nair](#), (PAC Chair, New Zealand)

## Objectives

1. Fostering industry-academia networking platform for bidirectional interactions
2. Industry addresses pain spots & academia provides solutions
3. Students well prepared for industry: real world thesis topics and/or possible internship
4. Industry (including YP & WIE) accesses advanced technologies and talents from academia
5. Recruiting more industry members

## Projects / Tasks

1. Special Industry Track (SIT) organization at:
  - i. **TENCON**
  - ii. HYDCON
2. Industry Forum organization at
  - i. HTC
  - ii. Life Science Workshop – Tainan (LSW-T)
3. Half Day SIT organization with YP at:
  - i. SYWL

## Budget (in US\$)

1. Project 1: **\$23,600**
2. Project 2: **\$ 6,900**
3. Project 3: **\$ 7,600**

**Total Proposed Budget : \$ 38,100**

## Project / Task Measurable

Project 1 & 2:

1. Responses from industry & academia
2. No. of invited industry speakers w/ high influence/potential
3. No. of Student, YP, & WIE members attended

## Timeline & Metrics

1.Project 1 & 2:

**Timeline:** LSW-T (July), HYDCON (Sept 11 ~ 12), SYWL (Sep 24-27), TENCON (Nov 16-19), HTC (Dec 1-3), **Metrics:** Task measurables above

# Industry Relations Committee Members



- **Dr. Stefan Mozar, Australia**
- Past Chair
- IEEE R10 Industry Relations



- **Dr. Toshihiko Sugie, Japan**
- Senior Technology Strategist
- NTT Electronics Corporation



- **Amarnath Raja, India**
- President
- InApp



- **Emi Yano, Japan**
- Chair
- IEEE R10 WIE

- **Michelle Wang, Taiwan**
- Senior VP, Head of Big Data
- Taipei Fubon Commercial Bank



- **Soumaya Jaber, Australia**
- WIE Chair
- IEEE South Australia



- **Dr. Suresh Nair, India**
- Chief Technology Officer
- NeST Group

# Industry Relations Committee Members



- **Dr. Narendra Kumar, Malaysia**
- Asc. Prof., Faculty of Eng.,
- Univ. of Malaya



- **Satriyo Dharmanto , Indonesia**
- Founder, CEO
- PT Multikom Global Mediatama



- **Dr. Chii-Wann Lin, Taiwan**
- VP & General Director
- BioM Tech. & Dev. Res. Lab. ITRI



- **Dr. Takuo Suzuki, Japan**
- Chair
- IEEE R10 Young Professionals



- **Dr. Nirmil Nair, New Zealand**
- Chair
- IEEE R10 Professional Activities



- **Dr. Amit Kumar, India**
- CEO & Chief Scientific Officer
- BioAxis DNA Research (P) Ltd



- **Chris Gwo Giun Lee, Taiwan**
- Professor
- Natl. Cheng Kung Univ.



# Projects 1, 2, & 3: Conference List

## Project 1:

### **HYDCON (Hyderabad, India, Sept 11-12)**

Topic(s): AI-in-Biotech, Manufacturing, Agriculture/Food, Power, 5G

Industry invited: TBD

Remarks: Fosters Industry forum, internship, and entrepreneurship

### **TENCON (Osaka, Japan, Nov 16-19)**

Topic(s): AI-in-Biotech, Manufacturing, Agriculture/Food, Power, 5G

Industry invited: TBD

Remarks: Fosters Industry forum, internship, and entrepreneurship

## Project 2:

### **LSW-T (Tainan, Taiwan, July)**

Topic(s): **Cross Engineering & Life Science Disciplinary Interactions in Thriving for Entrepreneurship**

Industry invited: Michael Condry (Former Intel CTO)

Remarks: Fosters industry forum

### **HTC (Sarawak, Malaysia, Dec 1 ~ 3)**

Topic(s): AI-in-Biotech, Manufacturing, Agriculture/Food, Power, 5G

Industry invited: TBD

Remarks: Fosters industry forum

## Project 3:

### **SYWL with YP (Bangkok, Thailand, Sept 24-27)**

Topic(s): AI-in-Biotech, Manufacturing, Agriculture/Food, Power, 5G

Industry invited: TBD

Remarks: ½ **day SIT**, fosters industry Forum, internship, startup know-hows

# Program Content & Format

## Special Industry Track (1/2 Day)

Industry Forums for Students, Young Professionals & Women-in-Engineering (SYW)

Cross pollinating Industry and SYW via industry/entrepreneur/Start-ups related sessions (1/2 day SIT does not include pitching contest)

Industry access to technologies and talents, YP/WIE, through engagement within sponsored booth

Industry visit tour

## Industry Forum

Industry speakers address pain spots & academia **innovate** together for solutions

Provide students with real world thesis topics and/or possible **internship** opportunities

Academia work on real world problems with research outcome required by the Industry

Industry including YP and WIE, have access to advanced technologies and talents throughout this IRC networking platform

Fosters **entrepreneurship**

# 2020 IRC Budget Proposal

Meetings		Travel Expense		Plaques, Souveniours		Student Travel Fund		Industry Speakers		Total	
		Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual
1) TENCON (Nov. 16-19, Osaka, Japan) Special Industry Track (SIT)	US\$	1300		1200		10500		3300		16300	0
	Qty	1		1		15 I + 10 L		3 I + 5 L			
2) HYDCON (Sept. 11-12, Hyderabad, India) Special Industry Track	US\$	1300		500		4000		1500		7300	0
	Qty	1		1		5 I + 5 L		1 I + 3 L			
3) HTC (Dec. 1-3, Sarawak, Malaysia) Industry Forum	US\$	1300		500		1500		800		4100	0
	Qty	1		1		5 L		1			
4) Life Science Workshop (July, Tainan, Taiwan) Industry Forum	US\$			500		1500		800		2800	0
	Qty			1		5 L		1			
5) SYWL (Sept. 24-27, Bangkok, Thailand) Half Day SIT	US\$	1300		500		4000		1800		7600	0
	Qty	1		1		5 I + 5 L		2 I + 2 L			
I: International Student (\$500), L: Local Student (\$300)	US\$									0	0
I: International Speaker (\$600), L: Local Speaker (\$300)	Qty										
	US\$									0	0
	Qty										
	USD									0	0
	Qty										
	US\$									0	0
	Qty										
	US\$									0	0
	Qty										
<b>Total</b>	US\$	5200	0	3200	0	21500	0	8200	0	38100	0

**Let's change the world together!**

**讓我們一起改變世界!**