

# PROGRAMME SCHEDULE



The 10<sup>th</sup> International Conference on Robotics,  
Vision, Signal Processing & Power Applications  
&  
The 11<sup>th</sup> Regional Conference on Electrical  
& Electronic Engineering

14<sup>th</sup> & 15<sup>th</sup> August 2018

Wembley St-Giles Hotel, Penang Malaysia

# OPENING CEREMONY SCHEDULE

**Wembley St-Giles Hotel, Penang, Malaysia**

*Wembley Ballroom 2, 10<sup>th</sup> Floor*

**Day 1, Tuesday, 14<sup>th</sup> August 2018**

<b>TIME</b>	<b>EVENT</b>
<b>8:00 – 8:20</b>	Arrival of VIPs/guests/delegates
<b>8:20 – 8:40</b>	Opening Ceremony ❖ Negaraku/Menara ILMU ❖ SEEE Video ❖ Doa recitation
<b>8:40 – 8:50</b>	Opening Remarks by ROVISP/RCEEE Conference Chairman ❖ Assoc Prof. Dr. Mohd Fadzli Mohd Salleh
<b>8:50 – 9:00</b>	Welcome Speech by SEEE Dean ❖ Prof. Ir. Dr. Mohd Rizal Arshad
<b>9:00 – 9:10</b>	AUN/SEED-Net Representative
<b>9:10 – 9:30</b>	Officiating Ceremony & Souvenir Presentation
<b>9:30 – 10:00</b>	Keynote 1
<b>10:00 – 10:30</b>	Opening Ceremony ends & Coffee Break

# CONFERENCE SCHEDULE

Wembley St-Giles Hotel, Penang, Malaysia

Day 1

Tuesday, 14<sup>th</sup> August 2018

Time	Activity
8.00 – 9.00	<b>Registration</b> <i>10<sup>th</sup> Floor</i>
8.20 – 9.30	<b>Opening Ceremony</b> <i>Wembley Ballroom 2, 10<sup>th</sup> Floor</i>
9.30 – 10.00	<b>Keynote Speech 1 – Prof. Dr. Satoshi Matsumoto</b> “Sustainable Energy System in collaboration with High voltage and High Power System” <i>Wembley Ballroom 2, 10<sup>th</sup> Floor</i>
10.00 – 10.30	<b>Coffee Break</b>
10.30 – 11.00	<b>Keynote Speech 2 – Prof. Dr. Junzo Watada</b> “Risk and VaR's role in Power Systems' Sustainability” <i>Wembley Ballroom 2, 10<sup>th</sup> Floor</i>
11.00 – 11.30	<b>Keynote Speech 3 – Prof. Dr. Naoki Uchiyama</b> “Robotic Manipulator Control for Softly Catching a Falling Object in Future Industrial Applications” <i>Wembley Ballroom 2, 10<sup>th</sup> Floor</i>

Technical Session 1				
11.30 – 13.00	<b>B1 – DEC/EDAS1</b> <i>Wembley Ballroom 2, 10<sup>th</sup> Floor</i>	<b>B2 – VIS1</b> <i>Wembley Room 7, 9<sup>th</sup> Floor</i>	<b>B3 – PHR1</b> <i>Wembley Room 8, 9<sup>th</sup> Floor</i>	<b>B4 – RF1</b> <i>Wembley Room 9, 9<sup>th</sup> Floor</i>
13.00 – 14.00	<b>Lunch</b> <i>Wembley Ballroom 1, 10<sup>th</sup> Floor</i>			
Technical Session 2				
14.00 – 15.30	<b>B1 – EMD1</b> <i>Wembley Ballroom 2, 10<sup>th</sup> Floor</i>	<b>B2 – VIS2</b> <i>Wembley Room 7, 9<sup>th</sup> Floor</i>	<b>B3 – PHR2</b> <i>Wembley Room 8, 9<sup>th</sup> Floor</i>	<b>B4 – ROB</b> <i>Wembley Room 9, 9<sup>th</sup> Floor</i>
15.30 – 16.00	<b>Coffee Break</b>			
Technical Session 3				
16.00 – 17.00	<b>B1 – VIS3</b> <i>Wembley Ballroom 2, 10<sup>th</sup> Floor</i>	<b>B2 – DCE/EDAS2</b> <i>Wembley Room 7, 9<sup>th</sup> Floor</i>	<b>B3 – RF2</b> <i>Wembley Room 8, 9<sup>th</sup> Floor</i>	
20.00 – 22.30	<b>GALA DINNER (RCEE PARTICIPANT &amp; COMMITTEE ONLY)</b> <i>Wembley Room 10, 9<sup>th</sup> Floor</i>			

F  
M  
M  
  
M  
E  
E  
T  
I  
N  
G

Track	Details
VIS	Vision, Image and Signal Processing
PHR	Power Systems, High Voltage Engineering and Renewable Energy
RF	Telecommunications, RF, Antenna and Applications
BIO	Biomedical, Bio-Engineering and Applications
EMD	Electrical Machines, Drives and Power Electronics
DCE/EDAS	Devices, Circuits and Embedded Systems/ Electronic Design and Applications
AI	Artificial Intelligence and Computer Applications
ROB	Robotics, Control, Mechatronics and Automation

# Wembley St-Giles Hotel, Penang, Malaysia

## Day 2

Wednesday, 15<sup>th</sup> August 2018

Time	Activity				
8.30 – 9.00	<b>Keynote Speech 4 – Prof. Dr. Uda Hashim</b> “Nanotechnology in Medical Diagnostics” <i>Wembley Ballroom 2, 10<sup>th</sup> Floor</i>				
9.00 – 9.30	<b>Keynote Speech 5 –Patrick Klotz</b> “Embrace Artificial Intelligence – Don’t Fear the Terminator” <i>Wembley Ballroom 2, 10<sup>th</sup> Floor</i>				
9.30 – 10.00	<b>Coffee Break</b>				
<b>Technical Session 4</b>					
10.00 – 11.45	<b>B1 – AI1</b> <i>Wembley Ballroom 2, 10<sup>th</sup> Floor</i>	<b>B2 – EMD2</b> <i>Wembley Room 7, 9<sup>th</sup> Floor</i>	<b>B3 – PHR3</b> <i>Wembley Room 8, 9<sup>th</sup> Floor</i>	<b>B4 – BIO</b> <i>Wembley Room 9, 9<sup>th</sup> Floor</i>	
12.00 – 13.00	<b>AUN/SEED-Net Introduction and Closing Ceremony</b> <i>Wembley Ballroom 2, 10<sup>th</sup> Floor</i>				
13.00 – 14.00	<b>Lunch</b>				
<b>Technical Session 5</b>					
14.00 – 15.30	<b>B1 – AI2</b> <i>Wembley Ballroom 2, 10<sup>th</sup> Floor</i>	<b>B2 – VIS4</b> <i>Wembley Room 7, 9<sup>th</sup> Floor</i>	<b>B3 – PHR4</b> <i>Wembley Room 8, 9<sup>th</sup> Floor</i>	<b>B4 –RF3</b> <i>Wembley Room 9, 9<sup>th</sup> Floor</i>	<b>RCEEE2018 Industrial Visit</b>
15.30 – 16.00	<b>Coffee Break</b>				

Track	Details
VIS	Vision, Image and Signal Processing
PHR	Power Systems, High Voltage Engineering and Renewable Energy
RF	Telecommunications, RF, Antenna and Applications
BIO	Biomedical, Bio-Engineering and Applications
EMD	Electrical Machines, Drives and Power Electronics
DCE/EDAS	Devices, Circuits and Embedded Systems/ Electronic Design and Applications
AI	Artificial Intelligence and Computer Applications
ROB	Robotics, Control, Mechatronics and Automation

# TECHNICAL SESSIONS

14<sup>th</sup> August 2018

	Time	Technical Areas			
<b>DAY 1</b>		<b>B1 – DEC/EDAS1</b>	<b>B2 – VIS1</b>	<b>B3 – PHR1</b>	<b>B4 – RF1</b>
<b>SESSION 1</b>	Chairperson	Prof. Hla Myo Tun	Assoc. Prof. Dr. Dzati	Dr. Le Viet	Prof. Kamal
	11.30 – 11.45	C0020	R0084	C0003	C0012
	11.45 – 12.00	C0028	C0031	C0011	C0018
	12.00 – 12.15	C0027	R0040	C0013	C0022
	12.15 – 12.30	C0009	R0071	R0005	C0025
	12.30 – 12.45	C0014	R0072	R0012	R0110
	12.45 – 13.00	R0070	R0077	R0018	R0119
	13.00 - 1400	Lunch			
		<b>B1 – EMD1</b>	<b>B2 – VIS2</b>	<b>B3 – PHR2</b>	<b>B4-ROB</b>
<b>SESSION 2</b>	Chairperson	Assoc. Prof. Dr. Rosmiwati	Dr. Amalina	Dr. Zuraini	Dr. Syazreen
	14.00 – 14.15	R0034	R0096	R0019	R0043
	14.15 – 14.30	R0035	R0097	R0031	R0061
	14.30 – 14.45	R0050	R0107	R0033	R0098
	14.45 – 15.00	R0051	R0108	R0046	R0104
	15.00 – 15.15	R0075	R0112	R0047	R0106
	15.15 – 15.30			R0055	
	15.30 – 16.00	Coffee Break			
		<b>B1 – VIS3</b>	<b>B2 – DCE/EDAS2</b>	<b>B3 – RF2</b>	
<b>SESSION 3</b>	Chairperson	Dr. Teoh	Dr. Jiashen	Prof. Fadzil Ain	
	16.00 – 16.15	R0091	R0114	R0026	
	16.15 – 16.30	R0121	R0111	R0039	
	16.30 – 16.45	R0094	R0116	R0041	
	16.45 – 17.00	R0095	R0074	R0049	

# TECHNICAL SESSIONS

15<sup>th</sup> August 2018

	Time	Technical Areas			
<b>DAY 2</b>		<b>B1 – AI1</b>	<b>B1 – EMD2</b>	<b>B3-PHR3</b>	<b>B4 – BIO</b>
<b>SESSION 4</b>	Chair person	Assoc. Prof. Dr. Shahrel	Dr. Noraisyah	Prof. David	Dr. Roderick
	10.00 – 10.15	C0017	C0015	C0016	C0005
	10.15 – 10.30	R0017	C0026	C0021	R0025
	10.30 – 10.45	R0030	C0029	C0030	R0060
	10.45 – 11.00	R0032	C0032	R0085	R0062
	11.00 – 11.15	R0048	R0101	R0066	R0064
	11.15 – 11.30			R0068	R0090
	11.30 – 11.45				R0013
	13.00 – 14.00	Lunch			
		<b>B1 – AI2</b>	<b>B2 – VIS4</b>	<b>B3-PHR4</b>	<b>B4 – RF3</b>
<b>SESSION 5</b>	Chair person	Dr. Khairi	Assoc. Prof. Dr. Haidi	Assoc. Prof. Dr. Dahaman	Dr. Muzlifah
	14.00 – 14.15	R0065	R0092	R0069	R0063
	14.15 – 14.30	R0080	R0122	R0079	R0067
	14.30 – 14.45	R0087	R0123	R0082	R0081
	14.45 – 15.00	R0099	R0131	R0093	R0089
	15.00 – 15.15	R0120	R0132	R0135	R0036
	15.15 – 15.30	R0124			R0022
	15.30 – 16.00	Coffee break			

Track	Details
VIS	Vision, Image and Signal Processing
PHR	Power Systems, High Voltage Engineering and Renewable Energy
RF	Telecommunications, RF, Antenna and Applications
BIO	Biomedical, Bio-Engineering and Applications
EMD	Electrical Machines, Drives and Power Electronics
DCE/EDAS	Devices, Circuits and Embedded Systems/ Electronic Design and Applications
AI	Artificial Intelligence and Computer Applications
ROB	Robotics, Control, Mechatronics and Automation