

Technology for an Autonomous World

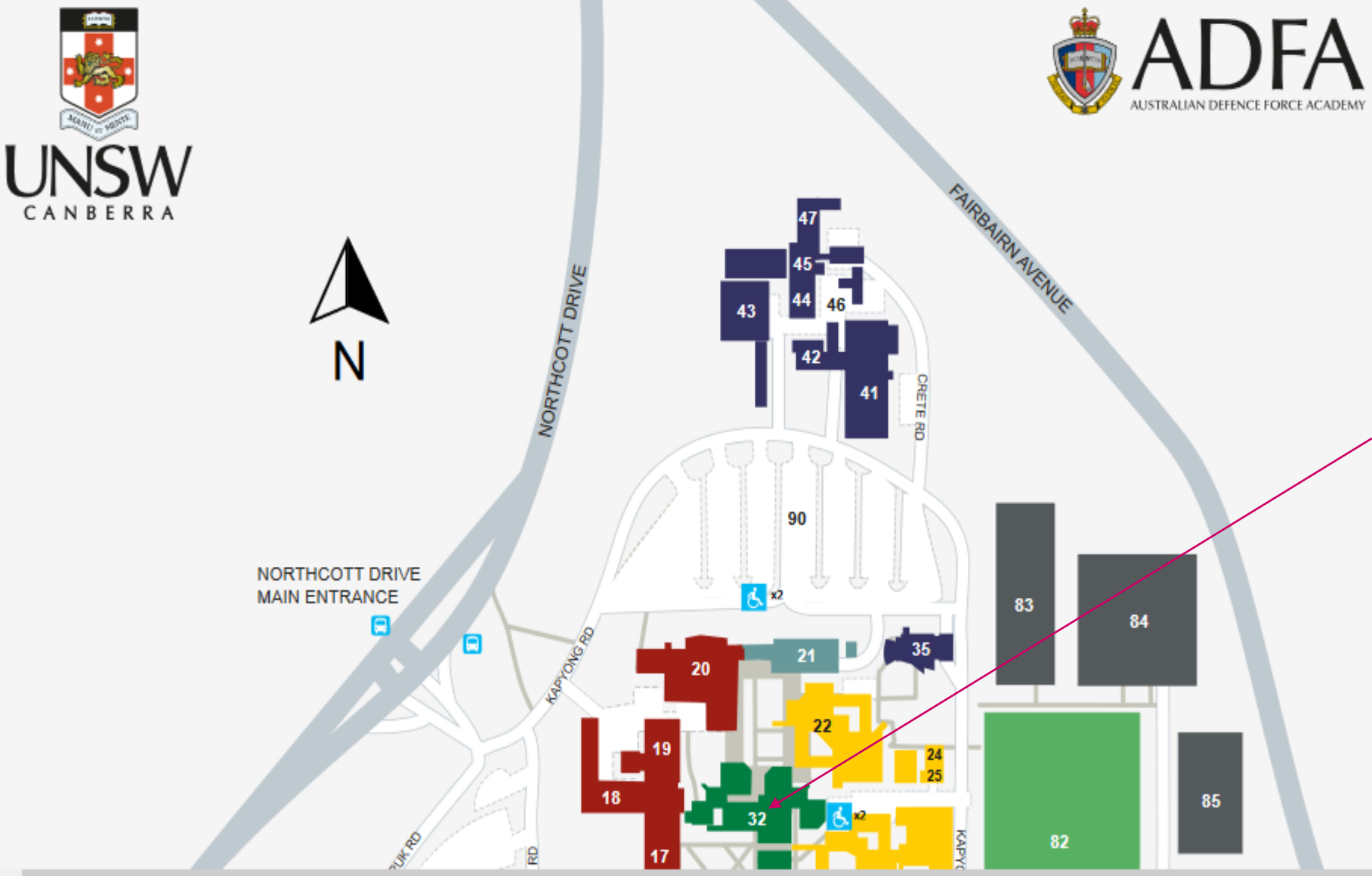


SECTION

1

LOCATION MAP OF 2023 TENSYMP

Hybrid



2023 IEEE R10 Symposium will be held at the Lecture Theatre North (Building 32) .

CONFERENCE DATES



SECTION

2

Special Session / Workshop Proposals	15 April 2023
Special Session / Workshop Acceptance	5 May 2023
Paper Submissions	20 May 2023
Paper Acceptance	20 June 2023
Camera Ready Submission	30 June 2023
Registration Opens	12 June 2023
Author Registration Deadline	10 July 2023
Registration Deadline	5 August 2023
Conference Dates	6-8 September 2023

ORGANISING COMMITTEE MEMBERS



GENERAL CO-CHAIR
AMBARISH NATU



GENERAL CO-CHAIR
XIUPING JIA



Life Member Activities
DALE SIVER



TECHNICAL CO-CHAIR
HUADONG MO



TECHNICAL PROGRAM CO-CHAIR
HEMANT SINGH



TECHNICAL PROGRAM CO-CHAIR
CHIU CHAN



On-Site Arrangements Chair
ASANKA PERERA



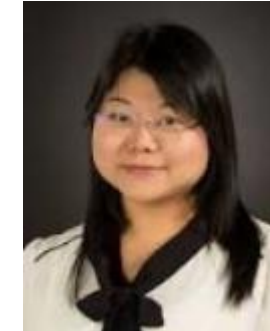
INDUSTRY PROGRAM CO-CHAIR
NAN YANG



AWARDS CHAIR
FOUAD KAROUTA



PrROGRAM CHAIR
HARK HOE TAN



Itrack co-CHAIR
LILY QIAO



WORKSHOP CO-CHAIR
ANTHONY JONES



WIE AND STUDENT ACTIVITIES
CHAIR
**Erandi Hene
Kankanamge**



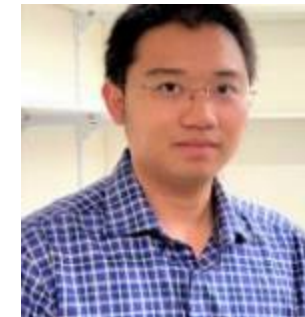
FINANCE CHAIR
RUSSELL GENTLE



WEBSITE AND SOCIAL MEDIA CHAIR
JETA VEDI



TECHNICAL CO-CHAIR
IMAN SHAMES



TECHNICAL CO-CHAIR
HIEU NGUYEN



TECHNICAL PROGRAM CO-CHAIR
Yanchang Zhao

SECTION

3

TECHNICAL PROGRAM OVERVIEW



SECTION

4

TOPICS:

- Antenna, Microwave and RF Engineering
- Image and video processing
- Smart Technologies
- Blockchain/Distributed Ledger Technologies
- Artificial Intelligence and applications
- Cloud Computing , Security and Privacy
- Humanitarian and Social impacts of Technologies
- Low power VLSI devices, Circuits and Systems
- Telecommunications / 5G and beyond
- Power Electronics and Systems
- Renewable Energy Technologies
- Control systems and engineering
- Systems Man and Cybernetics
- Computational Intelligence
- Geoscience and remote sensing
- Data Science and Engineering

VENUE



ROOMS

Keynote Speakers



[Prof. Hussein Abbass](#)



[Jessica Bian](#)



[Cibby Pulikkaseril](#)

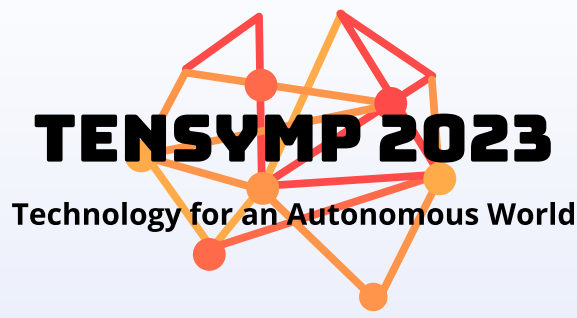


IEEE TENSYP 2023

CANBERRA

6-8 September 2023

IEEE TENSYP 2023



Climate Change

IEEE: Enabling Innovation and Technology Solutions

HOSTED BY



Building Energy Security in the Asia Pacific: Challenges and Opportunities



Khusla Munro

Division Head – International Climate and Energy Division, Department of Climate Change, Energy, Environment and Water



Greg Williams

Principal Policy Advisor - Australian Renewable Energy Agency



Panel Moderator

Prof. Nirmal Nair

University of Auckland, New Zealand



Neil Greet

Deputy Chair of the Engineers Australia College of Leadership and Management Board



Associate Professor Christian Downie

Australian National University

Room: LT07

Time: 3:00 PM to 4:30 PM

Date: 07 September 2023

Celebrating 35 years of IEEE Australian Capital Territory Section

- IEEE ACT Section was chartered on 18th November 1988
- Dr Lal C. Godara prepared the section petition and became the Australian Capital Territory Section's first Chair.

When: 07 September 2023 @ 10:00 AM – Morning Tea Area



Conference Statistics

- 146 Papers Submitted
- 81 Papers Accepted into Final Program
- Acceptance Ratio – 55%
- Reviewers – 169
 - 2 Reviews = 83 papers
 - 3 Reviews = 46 papers
 - 4 Reviews = 10 papers
- 2.5 Reviews per paper for TENSYPMP 2023.
- Non-Compliance with Submission Process: 7
- Withdrawn After Reviews: 19
- Papers Rejected: 39



IEEE TENSYPMP 2023

CANBERRA

6-8 September 2023

Finance – ACT Section

- A. Expenses: AUD 52544.81
- B. Revenue: AUD 65610.84
- C. Surplus: AUD 13066.03 ~ USD 8400
 - IEEE ACT Section (70%) = AUD 9146.22
 - IEEE Region 10 (30%) = AUD 3919.81

REGISTRATION FEES

Member Type	Registration Fees
IEEE Member/Student/Life Member (author attending in person)	AUD 550*
IEEE Member/Student/Life Member (author attending virtually)	AUD 350
IEEE Member (non-author attending in person)	AUD 250
IEEE Student/Life Member (non-author attending in person)	AUD 200
IEEE Student/Life Member (non-author attending virtually)	AUD 150
Non-Member (author attending in person)	AUD 700*
Non-Member (non-author attending virtually)	AUD 250
Non-Member Student (non-author attending in person)	AUD 450*
Non-Member Student (non-author attending virtually)	AUD 300
Banquet Ticket (Wednesday 8 September 2023)	AUD 150
All Late Registration Fees (20 August 2023 onwards)	AUD 850*

*Only these registrations have Banquet Ticket Included. Others registrants have to buy them separately.

Become a Sponsor

Bronze \$1,000 AUD – Access to one ticket to the conference and one ticket for the Gala Dinner at the Australian Parliament House. We will also display a Logo on the Conference Website and any publications.

Silver \$3,000 AUD – All features of Bronze plus 3 tickets to the Conference and Gala Dinner plus opportunities for a stall for demos and talks.

Gold \$5,000 AUD – All features of Bronze and Silver and includes 5 tickets to the conference and gala dinner plus an opportunity for a speaker to deliver a talk on a subject of conference theme.

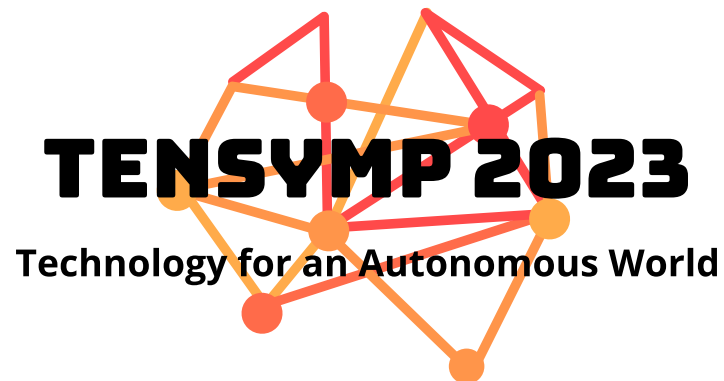
Sponsorship includes –

- Logo placement on website and other advertising material
- Branded items in delegate bags
- Sub-event sponsorship such as the Gala Dinner, Talks or Lunches





Thank you to
our Sponsors



UNSW
CANBERRA



CANBERRA
CONVENTION
BUREAU



Wednesday 6 September

Welcome to Country and Smoking Ceremony

Chair Welcome and Opening Remarks

Opening Keynote Speaker - Prof Hussein Abbas - Open Challenges in Artificial Intelligence - LT07

(Chair: Xiangping Jia)

Morning tea

10:00		10:30		LT07 Computational Intelligence/Artificial Intelligence/Data Science I (Chair: Lily Qiao)			SR04 SSI: Deep Learning Techniques and Computer Vision for Practical Applications I (Chair: Shadi Abpeikar)			SR03 Power and Energy I (Chair: David Power)		
10:30	10:45	Graph Embedded Representation Learning in Skeleton-based Action Classification	Zhan Wang	Shandong University	A Real-time Chinese Food Auto Billing System based on Instance Segmentation	Qizhi Guo	China Merchants Bank AI Lab	Evaluation of the Economic Benefits of Community Energy Storage Systems for Prosumers	Jayaminda Anuradha Kariyawasam Bovithanthri	Australian National University		
10:45	11:00	Use of Deep Neural Networks to Predict Lithium-Ion Cell Voltages During Charging and Discharging	See Fung Lee	Motorola Solutions Malaysia Sdn. Bhd.	Patch-Swap based approach for Face Anti-Spoofing Enhancement	Qizhi Guo	China Merchants Bank AI Lab	A Single-Stage, High-Efficiency Bulk-Biased CMOS Rectifier for Wireless Bioelectronic Power Transfer Applications	Christian Miguel Pama	Graduate School, University of Santo Tomas		
11:00	11:15	Towards Mitigating ChatGPT's Negative Impact on Education: Optimizing Question Design through Bloom's Taxonomy	Saber Elsayed	University of New South Wales	Modeling Automatic Unloading in case of Overhead Line Disconnection	Battulga Munkhbaatar	Mongolian university of science and technology	Experiment and Analysis of Relationship Between Transmission Distance and Multiple-Transmitter WPT System	Hyungchul Kim	Korea Maritime & Ocean University		
11:15	11:30	Zea mays Multi-disease Classification and Severity Assessment with EfficientNetV2 Variants	Ivan Roy Evangelista	De La Salle University/Sultan Kudarat State University	Accurate Prediction of Pulmonary Fibrosis Progression Using EfficientNet and Quantile Regression: A High Performing Approach	Rafiqul Shehab	North South University	Optimal Energy Management of District Cooling System and Energy Storage Systems: A Case Study	Dewesh Kumar	Indian Institute of Technology Gandhinagar		
11:30	11:45	A Hybrid QNN-Based Framework for Accurate Early Detection of HCV Liver Abnormalities from CT Scans using Custom Transfer Learning and AI Edge Device	Senthilkumar Vijayakumar	IEEE	Detection of Fish Cage Net Damage using Image Processing with Mesh-hole Grouping	Jung-Ho Kang	Pukyong National University	A 1-Bit Electronically Reconfigurable Unit Cell Using PIN Diode for Reflectarray Antenna	Ji-Yeon Ha	Korea Maritime & Ocean University		
11:45	12:00	Deep Reinforcement Learning based Intelligent Traffic Control	Garish Arpan Nookala	Bharatiya Vidy Bhawan's Sardar Patel Institute of Technology				Employing Vector Radiative Transfer to Estimate RCS of Chaff Cloud in Real-Time	Jun-Seon Kim	Korea Maritime & Ocean University		

Lunch

Invited Speaker - Rohan Baxter - Context is key in successful AI adoption for enhanced Government services - LT07

(Chair: Fouad Karouta)

12:00		1:00		LT07 Computer/Cyber Security/Computer Architecture (Chair: Yanchang Zhao)			SR04 SSI: Climate Smart - Futuristic Technologies and Sciences I (Chair: Dale Silver)			SR03 SC Committee (virtual) (Chair: Amit Kumar)		
1:30	1:45	A2D: Anywhere Anytime Drumming	Almog Algranti	Technion	Feasibility Study and Selection of Open Source Flight Controller for UAV Applications	Satyadev Peddiraju	VIGNAN university					
1:45	2:00	Novel Approach for Key-Based Hashing Algorithm	Kaushal Shah	School of Technology, PDEU	State-of-Charge (SoC) determination through Extended Kalman Filter in Battery Management Systems	SINDHU M R	AMRITA	Welcome Remarks and initiatives of R10 SCC	Amit Kumar	Chair, IEEE Region 10 Section Chapter Committee		
2:00	2:15	Design and Implementation of Side Channel Attack Based on Deep Learning LSTM	Amjed Abbas	Universiti Kebangsaan Malaysia	Experimental Evaluation of the Performance: A Novel Bi-Facial PV Panel	Tarvir Mahmud Mahim	Brac University	IEEE Section/Chapter Formation and Reporting Policies	Eddie Fong	Member, IEEE Region 10 Section Chapter Committee		
2:15	2:30	A Countermeasure to Power Analysis Attack by Arbitrarily Injecting Multiple Types of Noise	Tomooki Ukezono	Fukuoka University	Development of Low-Cost Temperature and Relative Humidity Remote Monitoring System	Garish Pasaar	Vishwakarma Institute of Information Technology					
2:30	2:45	Enhancing IoT-Botnet Detection using Variational Autoencoder and Cost-Sensitive Learning: A Deep Learning Approach for Imbalanced Datasets	Hassan Waswa	University of New South Wales	Controlled Static Wireless Charging for Electric Vehicles	SINDHU M R	AMRITA	Q&A	Eddie Fong, Zuhaina Zakaria	Members, R10 SCC		
2:45	3:00	A Fault-Tolerant Design Strategy Utilizing Approximate Computing	Padmanabhan Balesubramanian	Nanyang Technological University	Monitoring Sustainability Practices in Dry-land Crops with Farm Digital Twins	Rushikesh Kulet	Tata Consultancy Services					

Afternoon tea

3:00		3:30		LT07 Computational Intelligence/Artificial Intelligence/Data Science II (Chair: Bing Wang)			SR04 Signal Processing & Telecommunications (Chair: Chuchun Chan)			SR03 Nanotechnology, Photonics and Electronic Device Systems (Chair: Rajnish Sharma)		
3:30	3:45	White Blood Cell Segmentation using DeepLabv3+ for Improved Hematological Disease Detection	Vivek Joshi	Gujarat Technological University	Color Attribute Compression for Block Based Representation of Point Cloud	Hideaki Kimata	Kogakuen University	A 2bit/1stage Reusability based methodology for designing 8-bit Binary Search ADC	Dipti	Indian Institute of Information Technology - Allahabad		
3:45	4:00	NLP and Deep Learning Models for Flight Phase Classification in Aviation Incident/Accident Reports	AZIDA NANYONGA	UNSW	Improving the Accuracy of Gait Detection using Computer Vision	Sota Sugiyama	Tokyo University of Science	Pressure optimization system for varicose veins management	Saranya S	SRI SIVASUBRAMANIAM NADAR COLLEGE OF ENGINEERING		
4:00	4:15	An Automated Classification of Vehicles and Violation Detection in Special Purpose Lanes	Miguel Antonio Gumarú	University of Santo Tomas	Image Coding Based on the Automatic Generation of Structural Shapes Using Evolutionary Methods	Seishi Takamura	Hosei University	Synth - An open-source, technology independent, logic synthesis tool	Aloke Das	Lab and Lectures		
4:15	4:30	Zero-Shot Learning For Text Classification: Extending Classifiability Beyond Conventional Techniques	Muthu Palaniappan	Shiv Nadar University Chennai	Low-Complexity DFT-based Multibeamforming Arrays with Configurable Beam Profiles	Pathmapriyan Nanthakumar		An IoT-Based Bed Fall Prediction System Using Force Sensitive Resistor	MD Fahad Wafiq	Brac University		
4:30	4:45	Meat Freshness Classifier with Machine and AI	Zarif Wasif Bhuyan	Independent University, Bangladesh	CycleMVAE: Benchmarking End-to-End Cycle-Consistent Multi-Task Variational Autoencoder for EEG-based Emotion Recognition	Kranti Kramble	VNIT, Nagpur-India	Schmitt-Trigger-based Low Power SRAM implemented using 45-nm CMOS Technology	Ralph Gerard Sangalang	Batangas State University		
4:45	5:00	Automatic Multi-Class Collective Motion Recognition Using a Decision Forest Extracted from Neural Networks	Shadi Abpeikar	University of New South Wales								



Wednesday 6 September

Welcome to Country and Smoking Ceremony
Chair Welcome and Opening Remarks

Opening Keynote Speaker - Prof Hussein Abbas - Open Challenges in Artificial Intelligence - LT07

(Chair: Xiluping Jia)
Morning tea

10:00		10:30		11:00		11:30		12:00			
LT07 Computational Intelligence/Artificial Intelligence/Data Science I (Chair: Lily Qiao)				SR04 SS1: Deep Learning Techniques and Computer Vision for Practical Applications I (Chair: Shadi Abpeikar)				SR03 Power and Energy I (Chair: David Powell)			
10:30	10:45	Graph Embedded Representation Learning in Skeleton-based Action Classification	Zhan Wang	Shandong University	A Real-time Chinese Food Auto Billing System based on Instance Segmentation	Qizhi Guo	China Merchants Bank AI Lab	Evaluation of the Economic Benefits of Community Energy Storage Systems for Prosumers	Jayaminda Anuradha Kariyawasam Bovithanthri	Australian National University	
10:45	11:00	Use of Deep Neural Networks to Predict Lithium-Ion Cell Voltages During Charging and Discharging	See Fung Lee	Motorola Solutions Malaysia Sdn. Bhd.	Patch-Swap based approach for Face Anti-Spoofing Enhancement	Qizhi Guo	China Merchants Bank AI Lab	A Single-Stage, High-Efficiency Bulk-Biased CMOS Rectifier for Wireless Bioelectronic Power Transfer Applications	Christian Miguel Pama	Graduate School, University of Santo Tomas	
11:00	11:15	Towards Mitigating ChatGPT's Negative Impact on Education: Optimizing Question Design through Bloom's Taxonomy	Saber Elsayed	University of New South Wales	Modeling Automatic Unloading in case of Overhead Line Disconnection	Battulga Munkhbaatar	Mongolian university of science and technology	Experiment and Analysis of Relationship Between Transmission Distance and Multiple-Transmitter WPT System	Hyungchul Kim	Korea Maritime & Ocean University	
11:15	11:30	Zea mays Multi-disease Classification and Severity Assessment with EfficientNetV2 Variants	Ivan Roy Evangelista	De La Salle University/Sultan Kudarat State University	Accurate Prediction of Pulmonary Fibrosis Progression Using EfficientNet and Quantile Regression: A High Performing Approach	Rofiqul Shehab	North South University	Optimal Energy Management of District Cooling System and Energy Storage Systems: A Case Study	Devsh Kumar	Indian Institute of Technology Gandhinagar	
11:30	11:45	A Hybrid QNN-Based Framework for Accurate Early Detection of HCV Liver Abnormalities from CT Scans using Custom Transfer Learning and AI Edge Device	Senthikumar Vijayakumar	IEEE	Detection of Fish Cage Net Damage using Image Processing with Mesh-hole Grouping	Jung-Ho Kang	Pukyong National University	A 1-Bit Electronically Reconfigurable Unit Cell Using PIN Diode for Reflectarray Antenna	Ji-Yeon Ha	Korea Maritime & Ocean University	
11:45	12:00	Deep Reinforcement Learning based Intelligent Traffic Control	Ganesh Arpan Nookala	Bharatiya Vidy Bhawan's Sardar Patel Institute of Technology				Employing Vector Radiative Transfer to Estimate RCS of Chaff Cloud in Real-Time	Jun-Seon Kim	Korea Maritime & Ocean University	

Lunch

Invited Speaker - Rohan Baxter - Context is key in successful AI adoption for enhanced Government services - LT07

(Chair: Fouad Karouta)

1:30		2:00		2:30		3:00					
LT07 Computer/Cyber Security/Computer Architecture (Chair: Yanchong Zhao)				SR04 SS2: Climate Smart - Futuristic Technologies and Sciences I (Chair: Dale Siver)				SR03 SC Committee (virtual) (Chair: Amit Kumar)			
1:30	1:45	A2D: Anywhere Anytime Drumming	Almog Algranti	Technion	Feasibility Study and Selection of Open Source Flight Controller for UAV Applications	Satyadev Peddiraju	VIGNAN university				
1:45	2:00	Novel Approach for Key-Based Hashing Algorithms	Kaushal Shah	School of Technology, PDEU	State-of-Charge (SoC) determination through Extended Kalman Filter in Battery Management Systems	SINDHU M R	AMRITA	Welcome Remarks and initiatives of R10 SCC	Amit Kumar	Chair, IEEE Region 10 Section Chapter Committee	
2:00	2:15	Design and Implementation of Side Channel Attack Based on Deep Learning LSTM	Amjed Abbas	Universiti Kebangsaan Malaysia	Experimental Evaluation of the Performance: A Novel Bi-Facial PV Panel	Tarvir Mahmud Maham	Brac University	IEEE Section/Chapter Formation and Reporting Policies	Eddie Fong	Member, IEEE Region 10 Section Chapter Committee	
2:15	2:30	A Countermeasure to Power Analysis Attack by Arbitrarily Injecting Multiple Types of Noise	Tomoaki Ukesono	Fukuoka University	Development of Low-Cost Temperature and Relative Humidity Remote Monitoring System	Ganesh Pawar	Vishwakarma Institute of Information Technology				
2:30	2:45	Enhancing IoT-Botnet Detection using Variational Autoencoder and Cost-Sensitive Learning: A Deep Learning Approach for Imbalanced Datasets	Hassan Wasswa	University of New South Wales	Controlled Static Wireless Charging for Electric Vehicles	SINDHU M R	AMRITA	Q&A	Eddie Fong, Zuhaina Zakaria	Members, R10 SCC	
2:45	3:00	A Fault-Tolerant Design Strategy Utilizing Approximate Computing	Padmanabhan Balasubramanian	Nanyang Technological University	Monitoring Sustainability Practices in Dry-land Crops with Farm Digital Twins	Rushikesh Kulat	Tata Consultancy Services				

Afternoon tea

3:30		4:00		4:30		5:00					
LT07 Computational Intelligence/Artificial Intelligence/Data Science II (Chair: Bing Wang)				SR04 Signal Processing & Telecommunications (Chair: Chuanhan Chan)				SR03 Nanotechnology, Photonics and Electronic Device Systems (Chair: Rajnish Sharma)			
3:30	3:45	White Blood Cell Segmentation using DeepLabv3+ for Improved Hematological Disease Detection	Vivek Joshi	Gujarat Technological University	Color Attribute Compression for Block Based Representation of Point Cloud	Hideaki Kimata	Kogakuin University	A 2bit/stage Reusability based methodology for designing 8-bit Binary Search ADC	Dipti	Indian Institute of Information Technology- Allahabad	
3:45	4:00	NLP and Deep Learning Models for Flight Phase Classification in Aviation Incident/Accident Reports	AZIDA NANYONGA	UNSW	Improving the Accuracy of Gait Detection using Computer Vision	Sota Sogiyama	Tokyo University of Science	Pressure optimization system for varicose veins management	Saranya S	SRI SVASUBRAMANIAM NADAR COLLEGE OF ENGINEERING	
4:00	4:15	An Automated Classification of Vehicles and Violation Detection in Special Purpose Lanes	Miguel Antonio Gumaru	University of Santo Tomas	Image Coding Based on the Automatic Generation of Structural Shapes Using Evolutionary Methods	Seishi Takamura	Hosei University	Synth - An open-source, technology independent, logic synthesis tool	Aloke Das	Lab and Lectures	
4:15	4:30	Zero-Shot Learning For Text Classification: Extending Classifiability Beyond Conventional Techniques	Muthu Palaniappan	Shiv Nadar University Chennai	Low-Complexity DFT-based Multibeamforming Arrays with Configurable Beam Profiles	Pathmapirian Nanthakumar		An IoT-Based Bed Fall Prediction System Using Force Sensitive Resistor	MD Fahad Wafiq	Brac University	
4:30	4:45	Meat Freshness Classifier with Machine and AI	Zarif Wasif Bhuiyan	Independent University, Bangladesh	CycleMVAE: Benchmarking End-to-End Cycle-Consistent Multi-Task Variational Autoencoder for EEG-based Emotion Recognition	Kranti Kramble	WNIT, Nagpur-India	Schmitt-Trigger-based Low Power SRAM implemented using 45-nm CMOS Technology	Ralph Gerard Sangalang	Batangas State University	
4:45	5:00	Automatic Multi-Class Collective Motion Recognition Using a Decision Forest Extracted from Neural Networks	Shadi Abpeikar	University of New South Wales							



Thursday 7 September

9:00	10:00	Keynote Speaker - Jessica Bian - Advancing Innovation in Grid Resilience and Edge Technologies - LT07 <i>(Chair: Jeta VEDI)</i>					
10:00	10:30	Morning tea					
		LT07			SR04		
		IEEE SA Session 1: Importance of Standards on Emerging Technologies to Industry and Public <i>(Chair: Sri Chandra)</i>			Tutorial		
10:30	10:50	IoT Security	Ashish Mahajan	Partner Deloitte Australia and CISO APAC Advisory Board Member and IoT Security Expert	How AI and Explainable AI are Transferring the Healthcare Industry	Mayuri Mehta	Sarvajani College of Engineering and Technology
10:50	11:10	IEEE Standards Association's AI Ethics and Governance Standards and Certification	Ruth Lewis	Ethical, Sustainable Technology Advocate and Strategist, Technology Foresight			
11:10	11:30	Zero Trust - Securing the Autonomous Digital Landscape	Jay Hira	Founder and Executive Director, MakeCyberSimple			
11:30	11:50	Smart world, smarter humanity: how a smart world needs humans	Tim Cara	Founder and Board Member of GeoWAN			
12:00	1:00	Lunch					
		LT07			SR04		
		IEEE SA Session 2: Gender Equity and Social Inclusion <i>(Chair: Sri Chandra)</i>			Tutorial (con't)		
1:00	1:30	At the Cross Road of "Gender Equality and Social Inclusion and Technology"	Reihana Mohideen	Principal Advisor, Social Implications of Technology, Nossal Institute, The University of Melbourne	How AI and Explainable AI are Transferring the Healthcare Industry	Mayuri Mehta	Sarvajani College of Engineering and Technology
1:30	2:30	Panel Discussion: "A Just Transition: Why Diversity, Gender Equality and Inclusion are necessary"	Moderator - 1. Iven Mareels Panel members - 2. Jaimes Kolantharaj 3. Reihana Mohideen 4. Lily O'Neill	1. Executive Dean, Institute for Innovation, Science and Sustainability, Federation University Australia 2. Senior Energy Specialist, Asian Development Bank 3. Principal Advisor, Social Implications of Technology, Nossal Institute, The University of Melbourne 4. Senior Research Fellow, Melbourne Climate Futures, The University of Melbourne			
2:30	3:00	Afternoon tea					
		LT07			SR04		
		Climate Change Workshop <i>(Chair: Ambarish Natu)</i>			Tutorial (con't)		
3:00	4:30	Building Energy Security in the Asia Pacific: Challenges and Opportunities	Moderator - 1. Nirmal Nair Panel Members - 2. Kushla Munro 3. Greg Williams 4. Neil Greet 5. Christian Downie	1. University of Auckland 2. Australian Department of Climate Change, Energy, the Environment and Water 3. Australian Renewable Energy Agency 4. Engineers Australia 5. Australian National University	How AI and Explainable AI are Transferring the Healthcare Industry	Mayuri Mehta	Sarvajani College of Engineering and Technology
5:00	onwards	Tour and Dinner at Australian Parliament House					

Behind the scenes - an ACT Section with IEEE individuals and committee members helping out
The ACT Section is the smallest section to have ever hosted the IEEE R10 Symposium.
A combined effort with multiple roles sometimes undertaken by IEEE Volunteers

Publicity Chair



Amit Kumar

Publications Chair



Hwa Chiang Leo

Finance Chair



Russell Gentle

Registrations Chair

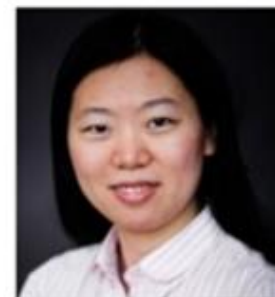


Erandi Hene Kankanamge

Women in Engineering Chair



Huadong Mo
Systems, Man and Cybernetics



Jihui (Aimee) Zhang

Local Arrangements Chair



Sharon Lim

Student Activities Chair



Thien Truong

Young Professionals Chair



Vamsi Krishna Jadala

And lots of student volunteers who enthusiastically pitched in to help

- R10 and past Tensymp Guides and Advisory Committee Members
- IEEE newsletter
- Information available on How to
- IEEE Explore



Special Acknowledgements to

Panel Members

Parliament House and their security and tour guides for the Gala Night

Caterers, Transport company

Venue, IT and webinar support by IEEE members

Next Tensymp 2024 – Delhi 27-29 Sep 2024

"Technological advancements to help society overcome various socio economic and health challenges"

