

Department of Electronics and Communication Engineering

IEEE Technically Co-sponsored

**2024 INTERNATIONAL CONFERENCE ON
COMMUNICATION, COMPUTING &
INTERNET OF THINGS**

(IC3IoT- 2024)

17.04.2024 & 18.04.2024



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Department of Electronics & Communication Engineering

Cordially invites you to grace the inaugural function of

IEEE Madras Section Technically Co-sponsored

2024 - INTERNATIONAL CONFERENCE ON

COMMUNICATION, COMPUTING & INTERNET OF THINGS

(IC3IoT- 2024)

Wednesday, 17th April, 2024 @ 09.30 AM | SSR Hall

Presidential Address

Dr. SAI PRAKASH LEOMUTHU

Chairman & Chief Executive Officer
Sairam Institutions



Chief Guest

Dr. BERNARD KEE WENG LIM

Chair-Elect-IEEE Malaysia Section[2024]
Vice President-Appscard Global Research & Innovation Center
Penang, Malaysia



Keynote Address

Prof. SAMEER S.M., Ph.D.

Chair, IEEE Region-10 Conference Quality and Management Committee
MGA Representative to IEEE Conference Committee
Professor, Dept. of ECE, National Institute of Technology Calicut
Kozhikode, Kerala, India.



Special Address

Dr. K. PORKUMARAN

Chairman IEEE Madras Section
Principal, Sri Sairam Engineering College



Dr. K. Sumathi
Organising Chair

Dr. J. Raja
Conference Chair

Dr. K. Porkumaran
General Chair

Dr. Sai Prakash LeoMuthu
Chairman & CEO
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Department of Electronics & Communication Engineering

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IEEE Madras Section Technically Co-sponsored*

2024 - INTERNATIONAL CONFERENCE ON

COMMUNICATION, COMPUTING & INTERNET OF THINGS

(IC3IoT- 2024)

Thursday, 18th April, 2024 @ 02.30 PM | SSR Hall

Chief Guest

Dr. PAVENTHAN ARUMUGAM

Director (R&D) ERNET India
[Education and Research Network of India]
Ministry of Electronics & IT,
Govt. of India IIT Madras Research Park, Chennai.



Special Address

Dr. Y. VIJAYALATA

Chairman - IEEE Hyderabad Section
Dean-Vardhaman College of Engineering
Hyderabad



Dr. K. Sumathi
Organising Chair

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General Chair

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Chairman & CEO
Sairam Institutions



SPEAKERS



Dr. BERNARD KEE WENG LIM

Chair-Elect-IEEE Malaysia Section[2024]
Vice President-Appscard Global Research & Innovation Center
Penang, Malaysia

Keynote Talk: The Internet of Things - The Industry Perspectives

Bernard Lim is currently the Vice President, Director and co-founder of Appscard Group AS and Appscard Global Research & Innovation Center, a technology startup company working on biometric smartcard with R&D and Operation facility based out of Bayan Lepas, Penang. He has held various senior management roles in manufacturing in different industry that includes General Manager SAM E&E and Operations Manager in Jabil Circuit. He has also been involved as co-founder in multiple technology startup companies. He obtained his bachelor's degree (B. Eng (Hons) In Electrical & Electronics) at Nottingham Trent University, United Kingdom and is currently pursuing his Doctorate in Business Administration in Wawasan Open University. He is a Professional Engineer and Fellow of Institution of Engineers, Malaysia, a senior member of IEEE and an Associate Fellow of ASEAN Academy of Engineering and Technology (AAET). He was the Past Chairman of IEEE Penang Joint Chapter and is currently an executive Committee of IEEE Electron Devices Society (EDS) Malaysia Chapter and Executive Committee of IEEE Electronic Packaging Society (EPS) Malaysia Chapter. Bernard is currently the Management Council of Penang Skill Development Center (PSDC), the Chairman of The Institution of Engineers Malaysia (Penang Branch), Executive Committee of IEM, IEM Council Member, Committee Member of IEM Material Engineering Technical Division and Past Chairman of IEM Electronic Engineering Technical Division. Ir Bernard is also an ASEAN Engineer Register (AER) Executive Committee and the permanent member for the technical committee on Innovation Management (NSC Y/TC11).



Prof. SAMEER S.M., Ph.D.

Chair, IEEE Region-10 Conference Quality and Management Committee
MGA Representative to IEEE Conference Committee
Professor, Dept. of ECE, National Institute of Technology Calicut
Kozhikode, Kerala, India.

Keynote Talk: Evolution from 5G to 6G Wireless Communications

S. M. Sameer received his B.Tech degree in Electronics & Communication Engineering from University of Kerala, M.Tech in Telecommunication Systems Engineering and Ph.D. in Wireless Communications from Indian Institute of Technology, Kharagpur, India. After various tenures in industries, he joined as a Lecturer in the Department of Electronics & Communication Engineering at National Institute of Technology Calicut, Kerala, India in 1998 where he is presently working as a Professor. He has published 30 journal papers including reputed IEEE Transactions, 47 conference papers and holds one Indian patent and two US patents. He is a (co-) recipient of best paper award for Communication in the 17th National Conference on Communications (NCC 2011) held at the Indian Institute of Science, Bangalore and 2021 IEEE International Conference on Communication, Networks and Satellite (COMNETSAT), Indonesia in July 2021. Sameer S. M. is a senior member of the IEEE and a regular reviewer of many reputed international conferences and journals. He has served on the technical program committees of several international conferences and was the General Co-Chair of TENCON 2019, the flagship conference of IEEE Region-10 and General Chair of INDICON 2022. He was the Chair of IEEE Kerala Section during 2018-19, Treasurer of IEEE India Council during 2017-18 and Secretary of IEEE Region-10 during 2021-22. He is the recipient of Outstanding Volunteer Award of IEEE Region-10 in 2020. He is currently serving as the Chair of IEEE Region-10 Conference Quality & Management Committee, MGA Representative to IEEE Global Conference Committee and Member of Technical Program Integrity Committee of IEEE Conference Quality Committee.

SPEAKERS



Dr. PAVENTHAN ARUMUGAM

Director (R&D)
ERNET India[Education and Research Network of India]
Ministry of Electronics & IT, Govt. of India
IIT Madras Research Park, Chennai.

Key Note : IoT Security

June 2009 - Present (14 years 10 months) IIT Madras Research Park, Chennai
C-DAC Team Coordinator September 1999 - June 2009 (9 years 10 months) Bangalore, Karnataka, INDIA Rutherford appleton laboratory Researcher October 2006 - March 2008 (1 year 6 months) Didcot, Oxfordshire, UK National Informatics Centre, Govt of India Scientist/Engineer June 1992 - September 1999 (7 years 4 months) New Delhi Area, India Education University of Southampton PhD, Computational Engineering · (2003 - 2007) Indian Institute of Technology, Delhi M.Tech, Computer Applications · (1996 - 1998) Bishop Heber College, Tiruchirappalli - 620 017. M.Sc, Computer Science · (1989 - 1991)



Dr. Y VIJAYALATA

Chairman - IEEE Hyderabad Section
Dean-Vardhaman College of Engineering
Hyderabad

Keynote Talk: Ensemble learning in Healthcare

Dr.Y Vijayalata , an academician with more than 21 years of teaching and research experience, Dr.Y.Vijayalata, Professor and Head, Department of Information Technology; completed Ph.D. from JNTU Hyderabad. She earned M.Tech. in Computer Science from BITS, Ranchi. Dr.Y. Vijayalata 's area of research includes Image Processing, Cloud Computing and Big-Data Analytics. One of her scholar have completed Ph.D. and two are pursuing Ph.D. under her supervision. She have published more than 25 papers in various journals and conferences. She also mentored TCS student internships at GRIET.

Active participant, involved in all the college activities including in-house projects designed for the students. Attended many workshops/conferences (national/international) conducted by JNTUH, NIT (Warangal) etc., She is the recipient of "Distinguished Leader in Engineering" Higher Education Leadership Awards-HELA 2018, Venus International Foundation. Also, Recipient of "Best Head of Department (IT)" by ITS Foundation Award-2017. She is the Branch Counsellor for IEEE GRIET Student Branch since 2011 onwards. And also Branch Advisor for IEEE Women In Engineering (WIE) at GRIET. She is the advisor for GRIET TEDx 2017.Chief Coordinator Spoken Tutorials IITBombay 2016-2017.



Prof. JOSEPH BARDIN

Professor and Research Scientist,
The Department of Electrical and Computer Engineering,
University of Amherst

Key Note : Quantum Computing: Opportunities for Microwave Engineers

Joseph Bardin received the PhD degree in electrical engineering from the California Institute of Technology in 2009. In 2010, he joined the department of Electrical and Computer Engineering at the University of Amherst, where he is currently a Full Professor. His research group currently focuses on low temperature integrated circuits with applications in radio astronomy and the quantum information sciences. In 2017, he joined the Google AI Quantum team as a visiting faculty researcher and, in addition to his university appointment; he currently serves as a staff research scientist with this team. Professor Bardin was a recipient of a 2011 DARPA Young Faculty Award, a 2014 NSF CAREER Award, a 2015 Office of Naval Research YIP Award, a 2016 UMass Amherst College of Engineering Barbara H. and Joseph I. Goldstein Outstanding Junior Faculty Award, a 2016 UMass Amherst Award for Outstanding Accomplishments in Research and Creative Activity, and a 2020 IEEE MTT-S Outstanding Young Engineer Award.

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which will help to create **DECENT WORK AND ECONOMIC GROWTH**. Our prosperity shall be fuelled
by investments in **INDUSTRY, INNOVATION AND INFRASTRUCTURE** that will help us to
REDUCE INEQUALITIES by all means. We will live in **SUSTAINABLE CITIES AND COMMUNITIES**.
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CLIMATE ACTION will reduce global warming and we will have abundant,
flourishing **LIFE BELOW WATER**, rich and diverse **LIFE ON LAND**.

We will enjoy **PEACE AND JUSTICE** through **STRONG INSTITUTIONS**
and will build long term **PARTNERSHIPS FOR THE GOALS**.



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Chairman & CEO – Sairam Institutions



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Dr. S. Brindha

Professor/ ECE, SEC



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