



IEL Newsletter

—— 2015 年 12 月特刊：IEEE 召开会议简介

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IEEE 成立于 1884 年，是全球最大的技术行业协会，凭借其多样化的出版物、会议、教育论坛和开发标准，在激励未来几代人进行技术创新方面做出了巨大的贡献，其数据库产品 IEL (IEEE/IET Electronic Library) 自 2001 年进入中国以来，为中国的学者和研究人员提供了世界领先的科技信息。

IEEE 会议介绍

IEEE 每年在全球举办 1400 多场学术会议。会议涉及领域广，不仅在电子电气、通信和计算机等领域有重大影响，更在诸多新兴热点领域如纳米、生物医学工程、能源、自动化控制等方向具权威性。IEEE 在中国召开的会议，为中国高校师生提供了有利的学术交流通道，了解会议内容对国内专家、学者和研究人员进行项目研究和自身学习有极大的促进作用。

本期 Newsletter 主要为您提供 2016 年全年已公布的即将在大陆、台湾、新加坡召开的 IEEE 会议详情，供老师和同学们了解，希望这些信息能让您：

—— 了解相关领域最新的科研动态，洞悉竞争对手以及同行的研究热点。

—— 有针对性地向 IEEE 会议投稿，及时分享自己的科研成果，提高您的科研实力。

IEEE 会议涉及的学科领域主要有：信号处理，计算机网络、多媒体技术，纳米电子，自动化控制，机器人技术，机电一体化，广播多媒体系统，显微镜技术，医药生物工程，能源，信息工程管理，光电子，控制，自动化，机器人，生物信息，生物医学工程，网络技术，无线电通信等。

了解 IEEE 会议的更多信息请访问：<http://www.ieee.org/web/conferences>

IEEE 会议录介绍

IEEE/IET Electronic Library (IEL) 每年收录 1400 多种会议录，其中包括了 IEEE 全球会议中最新的科研内容和 IET 会议和活动的出版物。IEEE 会议录是学术界和相关行业公认的世界上电气、电子工程、计算机及其相关领域最重要的文献资源，而且这些会议录基本会被 EI 收录。IEEE 会议录的内容广泛，收录的论文主题涉及技术学科各个领域。会议录的出版周期较期刊杂志的出版周期短，因此能提供最新的科研动态和研究成果。

您可以通过 IEEE Xplore 平台访问 IEEE、IET 和 VDE 的会议录：<http://ieeexplore.ieee.org/>

IEEE 在大陆召开的会议列表

Conference	Dates	Location	Website	Conference Scope	Organizers/Sponsored
2016 IEEE/OES China Ocean Acoustics (COA)	09 Jan - 11 Jan	Harbin	www.chinaoceanacoustics.org	The symposium will review and discuss recent developments in acoustic methods and technologies to investigate underwater environments and ecosystems, from inland to deep ocean floor, covering a wide range of applications in oceanic and river engineering, coastal management, environmental protection, aquaculture and fisheries management, ecological and climate change studies, underwater mining.	IEEE Oceanic Engineering Society
2016 International Conference on Big Data and Smart Computing (BigComp)	18 Jan - 20 Jan	Hong Kong	www.bigcomputing.org	The International Conference on Big Data and Smart Computing (BigComp 2016), initiated by KIISE (Korean Institute of Information Scientists and Engineers), is an international forum for exchanging current issues, challenges, research results, system development, and practical experiences on these new technologies. We strongly solicit high-quality original research papers and new work-in-progress reports in any aspects of Big Data and Smart Computing.	Korean Institute of Information Scientists and Engineers - KIISE IEEE Computer Society
2016 IEEE International Conference on Computational Electromagnetics (ICCEM)	23 Feb - 25 Feb	Guangdong	www2.scut.edu.cn/iccem2016	The IEEE International Conference on Computational Electromagnetics brings together researchers and practitioners for sharing their latest advances in numerical algorithms, modeling methods, optimization and animation tools, and computing platforms for applications across the whole electromagnetic spectrum.	IEEE Antennas and Propagation Society
2016 IEEE International Conference on Big Data Analysis (ICBDA)	12 Mar - 14 Mar	Hangzhou	www.icbda.org/	data storage, data processing and data analysis	Beijing Section Information Transmission and Dissemination in Communication Networks Laboratory
2016 China Semiconductor Technology International Conference (CSTIC)	13 Mar - 14 Mar	Shanghai	semiconchina.semi.org/cstic	It covers all aspects of semiconductor technology and IC manufacturing and other related fields such as MEMS and sensors.	IEEE Electron Devices Society Semiconductor Equipment and Materials International (SEMI)
2016 IEEE MTT-S International Wireless Symposium (IWS)	14 Mar - 16 Mar	Shanghai	www.iws-ieee.org	IWS is held annually in China to provide an international forum for the presentation and exchange of the latest technical achievements in microwave circuits, hardware, and RF systems related to the physical layer aspects of existing and emerging wireless systems.	IEEE Microwave Theory and Techniques Society

ICASSP 2016 - 2016 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)	20 Mar - 25 Mar	Shanghai		The ICASSP meeting is the world's largest and most comprehensive technical conference focused on signal processing and its applications. The conference will feature world-class speakers, tutorials, exhibits, and over 50 lecture and poster sessions.	IEEE Signal Processing Society
OCEANS 2016 - Shanghai	10 Apr - 13 Apr	Shanghai	www.oceans16mtsieeshanghai	Papers on ocean technology, exhibits from ocean equipment and service suppliers, student posters and student poster competition, tutorial on ocean technology, workshops and town hall meetings on policy and governmental process.	IEEE Oceanic Engineering Society Marine Technology Society
2016 IEEE International Conference on Microwave and Millimeter Wave Technology (ICMMT)	20 Apr - 22 Apr	Beijing	www.emfield.org/icmmt2016	ICMMT2016 will provide a broader forum for worldwide scientists and engineers of varied backgrounds to exchange information and share research results to discuss collaborations in the fields of microwave, millimeter wave and even to the far infrared and optical waves.	Beijing Section Nanjing Section AP/MTT/EMC Joint Chapter
2016 IEEE 20th International Conference on Computer Supported Cooperative Work in Design (CSCWD)	04 May - 06 May	Nanchang	2016.cscwd.org	Collaboration technologies and applications to the design of processes, products, systems, and services in industries and societies. Application domains include aerospace, automotive, manufacturing, construction, logistics, transportation, power and energy, healthcare, infrastructure, administration, social networks, and entertainment.	IEEE Systems, Man, and Cybernetics Society CSCWD International Working Group Nanchang University
2016 Sixth International Conference on Information Science and Technology (ICIST)	06 May - 08 May	Dalian	http://icist.dlut.edu.cn/meeting/index_en.asp?id=2578	The conference aims to provide a high-level international forum for scientists, engineers and educators to present the state-of-the-art of research and applications in fields of information science and technology.	IEEE Systems, Man, and Cybernetics Society Dalian University of Technology
2016 16th International Workshop on Junction Technology (IWJT)	09 May - 10 May	Shanghai	www.iwjt.org	IWJT is an open forum focused on the needs and interest of the community of a junction formation technology in semiconductors.	Fudan University IEEE Electron Devices Society
2016 IEEE 83rd Vehicular Technology Conference (VTC Spring)	15 May - 18 May	Nanjing	ieeevt.org/vtc2016spring/	The technical scope of VTC2014-Spring includes: Ad-hoc, Mesh, and Sensor Networks Antennas and Propagation and RF Design Cognitive Radio and Spectrum Sensing Cooperative Communications, Distributed MIMO and Relaying Mobile Networks, Applications and Services Multiple Antenna Systems and Services Satellite Networks, Positioning Technologies, Localization and Navigation Transmission Technologies and Communication Theory Transportation, Vehicular Networks, and Vehicular Electronics and Telematics Wireless Access Wireless Networks and Security Health, Body-Area and Medical Device Networks Green Networks Medium access control and routing protocols Narrowband, wideband and ultra-wideband PHY and MAC layer design Channel modeling, equalization, synchronization, modulation and coding OFDM, CDMA, WiMAX	IEEE Vehicular Technology Society

LTE Advanced ITS, Car-to-car, and Car-to-X				
2016 IEEE International Workshop on Electromagnetics: Applications and Student Innovation Competition (iWEM)	16 May - 18 May	Nanjing	iwem2016.org.cn	iWEM started in Taipei in 2010 for the first time as “International Conference on Applications of Electromagnetism and Student Innovation Awards” (2010 ICAE/SIA), and it then continued but renamed in Taipei in 2011 as “IEEE International Workshop on Electromagnetics: Applications and Student Innovation Competition” (2011 IEEE iWEM).
2016 Asia-Pacific International Symposium on Electromagnetic Compatibility (APEMC)	17 May - 21 May	Shenzhen	www.apemc.org	a broad exchange platform for both academia and industry. The symposium will recognize innovations and technology leaderships through the Best Symposium Paper Award, the Best Student Paper Award, and other recognitions
2016 IEEE Information Technology, Networking, Electronic and Automation Control Conference (ITNEC)	20 May - 22 May	Chongqing	www.itnec.org	The aim of ITNEC 2015 is to provide a platform for researchers, engineers, academicians as well as industrial professionals from all over the world to present their research results and development activities in Information Technology, Networking, Electronic and Automation Control. It provides opportunities for the delegates to exchange new ideas and application experiences, to establish business or research relations and to find global partners for future collaboration.
2016 25th Wireless and Optical Communication Conference (WOCC)	21 May - 22 May	Chengdu	www.wocc.org/	Wireless communication, optical communication, big data, networking
2016 IEEE 8th International Power Electronics and Motion Control Conference (IPEMC 2016 - ECCE Asia)	22 May - 25 May	Hefei	www.ipemc2016.org/	IPEMC 2016-ECCE Asia follows the tradition of premium technical quality as one of the leading IEEE conferences in power electronics and motion control, co-sponsored by the IEEE Power Electronics Society and China Electrotechnical Society.
2016 Chinese Control and Decision Conference (CCDC)	28 May - 30 May	Yinchuan	www.ccdc.neu.edu.cn/	Its purpose is to create a forum for scientists, engineers and practitioners throughout the world to present the latest advancement in Control, Decision, Automation, Robotics and Emerging Technologies.
2016 17th IEEE/ACIS International Conference on Software Engineering, Artificial Intelligence, Networking and Parallel/Distributed Computing (SNPD)	30 May - 01 Jun	Shanghai	www.acisinternational.org/newconferences	The 17th International Conference on Software Engineering, Artificial Intelligence, Networking and Parallel/Distributed Computing (SNPD 2016) brings together researchers, scientists, engineers, industry practitioners, and students to discuss, encourage and exchange new ideas, research results, and experiences on all aspects of computer and information science. SNPD 2016 aims to facilitate cross-fertilizations among the key technology enabling areas and is soliciting papers in these areas.

2016 13th International Workshop on Discrete Event Systems (WODES)	30 May - 01 Jun	Xi'an	wodes2016.diee.unica.it/	manufacturing, process control, supervisory systems, software engineering, transportation	IEEE Control Systems Society Xidian University
2016 14th International Workshop on Variable Structure Systems (VSS)	01 Jun - 04 Jun	Nanjing	www.vss2016.com/	The scope of the workshop covers all theories and applications of Variable Structure Systems and Sliding Mode Control.	IEEE Control Systems Society IEEE Industrial Electronics Society Southeast University, China
2016 IEEE 11th Conference on Industrial Electronics and Applications (ICIEA)	05 Jun - 07 Jun	Hefei	www.ieeeiciea.org	Latest technology advancement as well as future directions and trends in Industrial Electronics and their applications	IEEE Industrial Electronics Society Singapore Section Singapore Section IE Chapter
2016 IEEE Workshop on Advanced Robotics and its Social Impacts (ARSO)	08 Jul - 10 Jul	Shanghai	ARSO2016.sjtu.edu.cn/	IEEE Workshop on Advanced Robotics and its Social Impacts (ARSO) aims at discussing advanced robotics R&D and its implications to economic and social systems. Participants will be world class robotic research scientists, investors and economists, as well as representatives of industry and government.	IEEE Robotics and Automation Society
IGARSS 2016 - 2016 IEEE International Geoscience and Remote Sensing Symposium	10 Jul - 15 Jul	Beijing	www.igarss2016.com	The topics of IGARSS cover a wide variety of the research on the theory, techniques, and applications of remote sensing in geoscience, which includes: the fundamentals of the interactions electromagnetic waves with environment and target to be observed; the techniques and implementation of remote sensing for imaging and sounding; the analysis, processing and information technology of remote sensing data; the applications of remote sensing in different aspects of earth science; the missions and projects of earth observation satellites and airborne and ground based campaigns. The theme of IGARSS 2016 is “Advancing the Understanding of our Changing Planet”, and some emphases will be given on the special topics of remote sensing applications on global change.	IEEE Geoscience and Remote Sensing Society Chinese Academy of Sciences - National Space Science Center
2016 IEEE International Symposium on Energy Economics and Management (IASEEM)	11 Jul - 13 Jul	Beijing	www.iaseem.org	International Energy Cooperation and Energy Security, Energy Structure and Energy Efficiency, Energy Prices and Macroeconomic, Clean and Efficient Use of Fossil Energy, New Energy Development and Utilization of Strategy and Policy , Energy Management System and Mechanism Innovation,Energy Systems Engineering	Beijing Section China University of Mining and Technology (Beijing)-CUMT

2016 IEEE MTT-S International Conference on Numerical Electromagnetic and Multiphysics Modeling and Optimization (NEMO)	27 Jul - 29 Jul	Beijing	nemo-ieee.org	NEMO2016 brings together experts and practitioners of electromagnetic- and multiphysics-based modeling, simulation and optimization for RF, microwave and terahertz applications. This conference is an ideal forum to share new ideas on techniques for electromagnetic and multiphysics modeling, propose efficient design algorithms and tools, and anticipate the modeling/analysis needs of future technologies and applications.	IEEE Microwave Theory and Techniques Society Applied Computational Electromagnetics Society
2016 IEEE Chinese Guidance, Navigation and Control Conference (CGNCC)	12 Aug - 14 Aug	Nanjing	cgncc.buaa.edu.cn/	The IEEE Chinese Guidance, Navigation and Control Conference (IEEE CGNCC2016) is a biennial event, which is also one of the leading events in Guidance, Navigation and Control (GNC).	Nanjing Section CS Chapter
2016 IEEE Trustcom/BigDataSE/ISPA	23 Aug - 26 Aug	Tianjin	adnet.tju.edu.cn/TrustCom2016/index.html	a prime international forum for researchers, industry practitioners and domain experts to exchange the latest advances in trusted computing and communications, concurrent and parallel systems, and Big Data and broadly related areas	IEEE Computer Society
2016 IEEE 13th International Conference on Group IV Photonics (GFP)	24 Aug - 26 Aug	Shanghai		The conference will feature an exciting program with presentations organized in three topical sessions covering the breadth of Group-IV photonic research and spanning the range from scientific curiosity and fundamental discovery to advanced applications and commercialization.	IEEE Photonics Society
2016 7th IEEE International Conference on Software Engineering and Service Science (ICSESS)	26 Aug - 28 Aug	Beijing	www.icsess.org	Software Engineering, Big Data and Intelligent Computing, Computer Science and System, Model and Algorithm, Computer Network and Application Technology, Web Information Systems and Applications, Artificial Intelligence and Expert Systems, Database System and Application, E-Business and E-Commerce, Other related theories, Technologies and applications	Beijing Section
2016 IEEE International Conference on High Voltage Engineering and Application (ICHVE)	19 Sep - 22 Sep	Chengdu		devices, materials, technologies in high voltage engineering	IEEE Dielectrics and Electrical Insulation Society
2016 15th International Conference on Optical Communications and Networks (ICOON)	24 Sep - 27 Sep	Hangzhou		Photonics-related physical phenomena and effects, photonic device and integration, transmission system and networks, photonic sensors, green photonics, intelligent radio-over-fiber system.	Beijing (Hangzhou) Section PHO Chapter China Jiliang University Zhejiang University of Technology
2016 IEEE Advanced Information Management, Communicates, Electronic and Automation Control Conference (IMCEC)	03 Oct - 05 Oct	Xi'an	www.imcec.org	Information Management, Communicates, Electronic and Automation Control	Beijing Section Chongqing Global Union Academy of Science

2016 First IEEE International Conference on Computer Communication and the Internet (ICCCI)	13 Oct - 15 Oct	Wuhan	www.iccci.org/	theoretical findings, design, implementation, and applications of computer communications and Internet	Beijing Section Central China Normal University-Department of Computer Science
2016 International Conference on Probabilistic Methods Applied to Power Systems (PMAPS)	16 Oct - 20 Oct	Beijing		The PMAPS conference covers all aspects of probabilistic methods applied to power systems and the electric power industry	Beijing Section PE Chapter Chongqing University Tsinghua University
2016 4th International Conference on Cloud Computing and Intelligence Systems (CCIS)	21 Oct - 23 Oct	Chongqing	caai.cn/conference /ccis2016/inde	Agents & multi-agent systems, Robots & Control systems Computational intelligence, Mobile intelligent service , Machine learning, Natural language processing , Cloud computing infrastructure planning , Cloud management and monitoring , Storage in the cloud , Big data computing systems , Cloud security & intelligent security	Beijing Section Chinese Association for Artificial Intelligence
2016 6th IEEE International Conference on Broadband Network & Multimedia Technology (IC-BNMT)	21 Oct - 23 Oct	Chongqing	http://caai.cn/conference/bnmt2016/index.html	Multimedia System and Application, Wireless communications and networking , Advanced technologies in Internet, Network management and measurement , Cloud computing and virtualization, Optical network and system, SDN/NFV, NDN/CCN , Internet of Things, Network security technology	Beijing Section Chinese Association for Artificial Intelligence
2016 2nd International Conference on Cloud Computing and Internet of Things (CCIOT)	22 Oct - 23 Oct	Dalian	www.icciot.org/	CCIOT 2016 is the second forum to offer a meeting point for professionals and researchers from industry and academia to present and discuss recent advances in the field of cloud computing, big data and Internet of things.	Harbin Section Dalian Jiaotong University
2016 IEEE PES Asia-Pacific Power and Energy Engineering Conference (APPEEC)	25 Oct - 28 Oct	Xi'an	http://www.appeecconf.org/2016/	in power and energy engineering, including but not limited to the following topics	IEEE Power & Energy Society Xian Section PES Chapter Xian Jiaotong University
2016 13th IEEE International Conference on Solid-State and Integrated Circuit Technology (ICSICT)	25 Oct - 28 Oct	Hangzhou	www.icsict.com	Channel Engineering , High-k/Metal gate Technology, Advanced Source/Drain Technology, Interconnect Technology, Advanced 3D Integration, Novel Process Technologies, Ultra-Thin Body Transistors and Device Variability, Advanced High-k Metal Gate SoC and High Performance CMOS Platforms, CMOS Performance Enhancing and Novel Devices , Advanced FinFETs and Nanowire FETs, CNT, MTJ Devices and Nanowire Photodiodes , Low- Power and Steep Slope Switching Devices , Graphene Devices , Advanced Technologies for Ge MOSFETs, Organic semiconductor devices and technologies, Compound semiconductor devices and Technology, Ultra High Speed Transistors, HEMT/HBT etc., Advanced Power Devices and Reliability, Flash Memory, IT Magnetic RAM, Resistive RAMs, Phase Change Memory, 3-Dimensional Memory, MEMS Technology, Thin Film Transistors, Biosensors, PV and Energy	Beijing Section Fudan University

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2016 18th International Wheelset Congress (IWC)	07 Nov - 10 Nov	Chengdu	www.iwc2016.com	IWC is the most influential technical exchange event in world wheelset filed, which covers many topics such as railway wheel material properties, manufacture process, wheel-rail relation, inspection technology and application maintenance management etc	Beijing Section Southwest Jiaotong University
2016 10th International Conference on Sensing Technology (ICST)	11 Nov - 13 Nov	Nanjing	ins.seu.edu.cn/icst2016	ICST 2016 will include keynote addresses by eminent scientists as well as special, regular and poster sessions. All papers will be peer reviewed on the basis of a full length manuscript and acceptance will be based on quality, originality and relevance.	IEEE Instrumentation and Measurement Society Massey University Southeast University

IEEE 在台湾召开的会议列表

Conference	Dates	Location	Website	Conference Scope	Organizers/Sponsored
2016 IEEE International Conference on Industrial Technology (ICIT)	14 Mar - 17 Mar	Taiwan	www.icit2016.org/	Control System, Robotics and Mechatronics; 3D Printing Technologies; Electrical Machines & Drives; Power Electronics and Energy Conversion; Renewable Energy Systems; Power Systems and the Smart Grid; Sensors, Actuators & System Integration; Electronic System on Chip & Real Time Embedded Control; Signal and Image Processing & Computational Intelligence; Industrial Automation, Communication & Informatics; Technology Management	IEEE Industrial Electronics Society
2016 IEEE Pacific Visualization Symposium (PacificVis)	19 Apr - 22 Apr	Taipei	www.pvis.org/	information, scientific, graph, security, software and bio-visualization	IEEE Computer Society
2016 IEEE Second International Conference on Multimedia Big Data (BigMM)	20 Apr - 22 Apr	Taipei	bigmm2016.asia.edu.tw/	New theory and models for multimedia big data computing Ultra-high efficiency compression, coding and transmission	IEEE Computer Society Asia University, Taiwan
2016 International Symposium on VLSI Design, Automation and Test (VLSI-DAT)	25 Apr - 27 Apr	Taipei	expo.itsri.org.tw/2016vlsidat	Lithography: directed self-assembly, EUV, multiple patterning, etc. , Power and analog IC device and technology, Advanced CMOS process and devices: Ge, SiGe, III-V, GAA, 2D/1D , Process and device modeling , TFT and organic electronics , MEMS, imagers and sensors , Advanced manufacturing technology, yield, reliability and test , 3D ICs and advanced packaging, Photonics , Energy harvesting technology , IoT enabling technologies	IEEE Circuits and Systems Society IEEE Electron Devices Society IEEE Solid-State Circuits Society
2016 International Symposium on VLSI Technology, Systems and Application (VLSI-TSA)	25 Apr - 27 Apr	Hsinchu		Low power CMOS and embedded memory •Foundry technology •RF process, device and integration technology •Standalone memory	IEEE Circuits and Systems Society IEEE Electron Devices

					Society IEEE Solid-State Circuits Society
2016 5th International Symposium on Next-Generation Electronics (ISNE)	04 May - 06 May	Hsinchu		computer systems and application, processor design, computer networks, electronic design automation, multimedia systems and applications, education in computer science and engineering, sensor systems, communication systems, power electronics, VLSI design, digital circuit design, analog circuit design, RFIC design, biomedical circuits and systems, image processing, IC packaging, VLSI testing, analog testing, photovoltaic, materials, devices and systems, semiconductor devices, nanomaterials, semiconductor lasers and LEDs, photonic and optical devices, display technology, display driver design, fiber optics and fiber sensing, photonic communications, and solid state lighting technology	Taipei Section ED Chapter National Tsing Hua University
2016 IEEE International Instrumentation and Measurement Technology Conference (I2MTC)	23 May - 26 May	Taipei	imtc2016.ieee-ims.org/	computer systems and application, processor design, computer networks, electronic design automation, multimedia systems and applications, education in computer science and engineering, sensor systems, communication systems, power electronics, VLSI design, digital circuit design, analog circuit design, RFIC design, biomedical circuits and systems, image processing, IC packaging, VLSI testing, analog testing, photovoltaic, materials, devices and systems, semiconductor devices, nanomaterials, semiconductor lasers and LEDs, photonic and optical devices, display technology, display driver design, fiber optics and fiber sensing, photonic communications, and solid state lighting technology.	Taipei Section ED Chapter National Tsing Hua University
2016 IEEE 5th Asia-Pacific Conference on Antennas and Propagation (APCAP)	26 Jul - 29 Jul	Kaohsiung	apcap2016.org	a wide range of topics related to Antennas, Propagation, EM Wave, EMC/EMI, Microwaves, and Millimeter and Terahertz Waves	IEEE Antennas and Propagation Society National Sun Yat-sen University
2016 IEEE International Symposium on Radio-Frequency Integration Technology (RFIT)	24 Aug - 26 Aug	Taipei	www.rfit2016.org/	integrated circuit design, technology and system integration, with emphasis on wireless communication systems and emerging applications such as biology and healthcare, as well as emerging THz and 3D integration technologies	IEEE Microwave Theory and Techniques Society
2016 IEEE International Conference on Cluster Computing(CLUSTER)	12 Sep - 16 Sep	Taipei		Clusters have become the workhorse for computational science and engineering research, powering innovation and discovery that advance science and society	IEEE Computer Society
2016 49th Annual IEEE/ACM	15 Oct - 19 Oct	Taipei	www.microarch.org	microarchitectures, compilers, hardware/software interfaces,	IEEE Computer Society

International Symposium on Microarchitecture (MICRO)			/micro49/	and design of advanced computing and communication systems	
2016 IEEE 5th Asia-Pacific Conference on Antennas and Propagation (APCAP)	26 Jul - 29 Jul	Taiwan	apcap2016.org	APCAP 2016 will cover a wide range of topics related to Antennas, Propagation, EM Wave, EMC/EMI, Microwaves, and Millimeter and Terahertz Waves.	IEEE Antennas and Propagation Society National Sun Yat-sen University

IEEE 在新加坡召开的会议列表

Conference	Dates	Location	Website	Conference Scope	Organizers/Sponsored
2016 6th IEEE International Conference on Biomedical Robotics and Biomechatronics (BioRob)	26 Jun - 29 Jun	National University of Singapore	albertocruz.org/	Theoretical and experimental challenges posed by the application of robotics and mechatronics in medicine and biology. Analysis of biological systems from a biomechatronic point of view. Design and fabrication of bio-inspired and biomimetic machines. Robotic and mechatronic devices and systems for prevention, diagnosis, surgery, prosthetics, rehabilitation and personal assistance.	IEEE Engineering in Medicine and Biology Society IEEE Robotics and Automation Society
2016 IEEE 23rd International Symposium on the Physical and Failure Analysis of Integrated Circuits (IPFA)	04 Jul - 08 Jul	MBS 10 Bayfront Avenue		IPFA is devoted to the fundamental understanding of the physical mechanisms of semiconductor device failures and issues related to semiconductor device reliability, yield and performance, especially those related to advanced process technologies.	Singapore Section Singapore Section R/ED/CPMT Joint Chapter
2016 2nd International Conference on Control Science and Systems Engineering (ICCSSE)	27 Jul - 29 Jul	Nanyang Executive Centre 50 Nanyang Avenue	www.iccsse.com/	theoretical, experimental, and applied Control Science and Systems Engineering	Singapore Section Singapore Section E Chapter Shandong Institute of Business and Technology
TENCON 2016 - 2016 IEEE Region 10 Conference	22 Nov - 25 Nov	Singapore	www.tencon2016.org	All aspects of electrical, electronic, computer and information technologies.	Region 10 - Asia and Pacific Singapore Section
2016 International Symposium on Integrated Circuits (ISIC)	12 Dec - 14 Dec	Singapore		IC design engineers, semiconductor process engineers and device physicists and academics to share and discuss new research directions, problems, ideas, techniques and applications related to integrated devices, circuits and systems	Singapore Section Nanyang Technological University - School of Electrical& Electronic Engineering