Intelligence
Future

International Forum on Future of Intelligence
智 能 · 未 来 国 际 高 峰 论 坛

○ 时间：2016年03月24日 星期四　13:30-17:30
Time：Thursday, March 24th, 2016　13:30-17:30

○ 地点：深圳市南山区科技南路55号中兴通讯大厦
Location: No.55 Keji Road South, ZTE Plaza, Nanshan District, Shenzhen

INTRODUCTION
论坛简介

在2016年中国春节联欢晚会上，29架来自**深圳南山**的**大疆科技**无人机犹如银河星星，发散着柔美的科技之光；同时，地面上540个来自**深圳南山**的**优必选**"Alpha 1S"机器人在伴奏中跳起了动感的"科技之舞"，为全国人民献上了一场炫丽的科技之秀，为国内外观众展现了中国智能制造的强大实力。
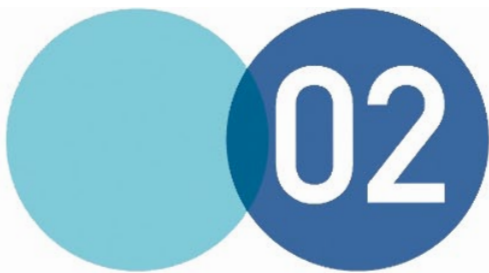
2015年6月1日，在法国举办的2015年全球电信管理论坛上，中兴通讯用一曲"智慧银川"，唱响了"中国的·世界的"华丽乐章，获得了TM Forum颁发的总裁特别大奖。

这些科技"乐手"来自中国的硅谷——深圳南山。

这名在科技创新浪潮中勇立潮头的"尖子生"，正在演绎着一出出独具特色的科技创新进行曲。

智能·未来国际高峰论坛，一场智能产业的国际交响乐，奏响科技未来。9大智能学界国际领军人物和30余位国内产业顶级大咖共聚一堂，聚焦智能产业热点，探讨产业最新发展趋势。智能！未来！以"智能"为舞步，以"未来"为华章，舞动中国智能未来发展的华丽探戈！

3月24日上午 南山区典型企业交流参观

🕐 08:30-09:30 深圳市大疆创新科技有限公司交流参观

🕐 09:30-11:30 深圳市优必选科技有限公司交流参观

🕐 11:30-12:30 中兴通讯股份有限公司交流参观

3月24日下午 智能·未来国际高峰论坛

🕐 13:30-17:30 智能·未来国际高峰论坛

论坛名称：智能·未来国际高峰论坛

论坛时间：2016年03月24日（星期四）

指导单位：深圳市南山区人民政府

主办单位：深圳市南山区科技创新局（科协）

承办单位：深圳市南山科技事务所、深圳大数据产学研联盟

支持单位：中兴通讯股份有限公司

　　　　　深圳市大疆创新科技有限公司

　　　　　深圳市优必选科技有限公司

　　　　　深圳大学

　　　　　中国计算机学会深圳分会（CCF）

　　　　　深圳市南山区科技创业服务中心

智能·未来国际高峰论坛

论坛时间：2016年03月24日下午（星期四）
论坛地点：深圳市南山区科技南路55号中兴通讯大厦A座4F

13:30-13:40 领导致辞	论坛致辞
	主题演讲 — 13:40-13:55 周志华 教授
13:55-14:10 Cesare Alippi 教授	主题演讲
	主题演讲 — 14:10-14:25 何海波 教授
14:25-14:40 Yew Soon Ong 教授	主题演讲
	主题演讲 — 14:40-14:55 Nikhil R. Pal 教授
14:55-15:10 史玉回 教授	主题演讲
	主题演讲 — 15:10-15:25 Kay Chen Tan 教授
15:25-15:40 王钧 教授	主题演讲
	主题演讲 — 15:40-15:55 姚新 教授

论坛上半场
主持人
Kay Chen Tan
教授

论坛下半场
主持人
张良杰博士

15:55-17:30

嘉宾与行业专家
企业代表（中兴、大疆、优必选、）
学术交流与探讨

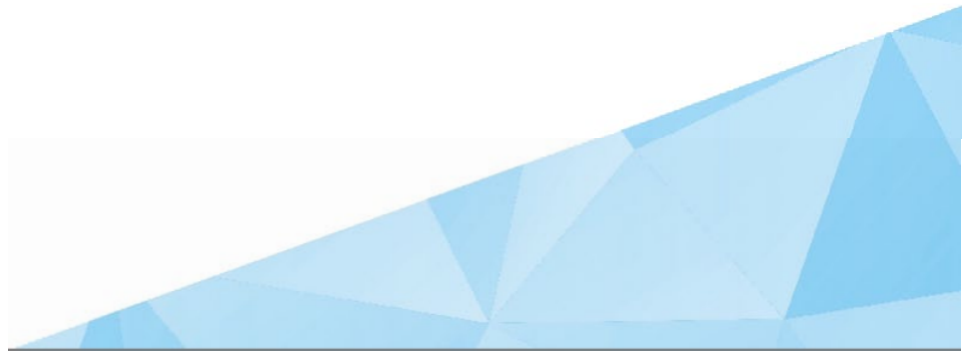# 03 DISTINGUISHED SPEAKERS

特邀嘉宾介绍

智能·未来
INTELLIGENCE
FUTURE

Cesare Alippi
教授

意大利米兰理工大学和瑞士提契语大学信号处理系统专业教授，IEEE Fellow、IEEE计算智能学会杰出讲者，IEEE计算学会副主席。主要研究非稳态环境中的自适应学习和嵌入式智能系统。已发表学术论文200多篇，担任国际会议IJCNN'2012总主席，曾获国际神经网络学会Gabor奖、IEEETNNLS杰出论文奖、IBM学院奖、IEEE仪器仪表与测量学会青年工程师奖、意大利共和国骑士勋章。

CESARE ALIPPI is a Full Professor of information processing systems with Politecnicodi Milano, Italy and Universit à della SvizzeraItaliana, Switzerland. He is an IEEE Fellow, Distinguished lecturer of the IEEE Computational Intelligence Society, Vice-President of the IEEE Computational Intelligence Society. In 2016 he received the Gabor award from the International Neural Networks Society and the IEEE Computational Intelligence Society Outstanding Transactions on Neural Networks and Learning Systems Paper Award; in 2013 he received the IBM Faculty Award, in 2004 he received the IEEE Instrumentation and Measurement Society Young Engineer Award; in 2011 has been awarded Knight of the Order of Merit of the Italian Republic. Among the others, He was General chair of the International Joint Conference on Neural Networks (IJCNN) in 2012, Program chair in 2014, Co-Chair in 2011. He was General chair of the IEEE Symposium Series on Computational Intelligence 2014. Current research activity addresses adaptation and learning in non-stationary environments and Intelligence for embedded systems. He has published more than 200 papers in international journals and conference proceedings.
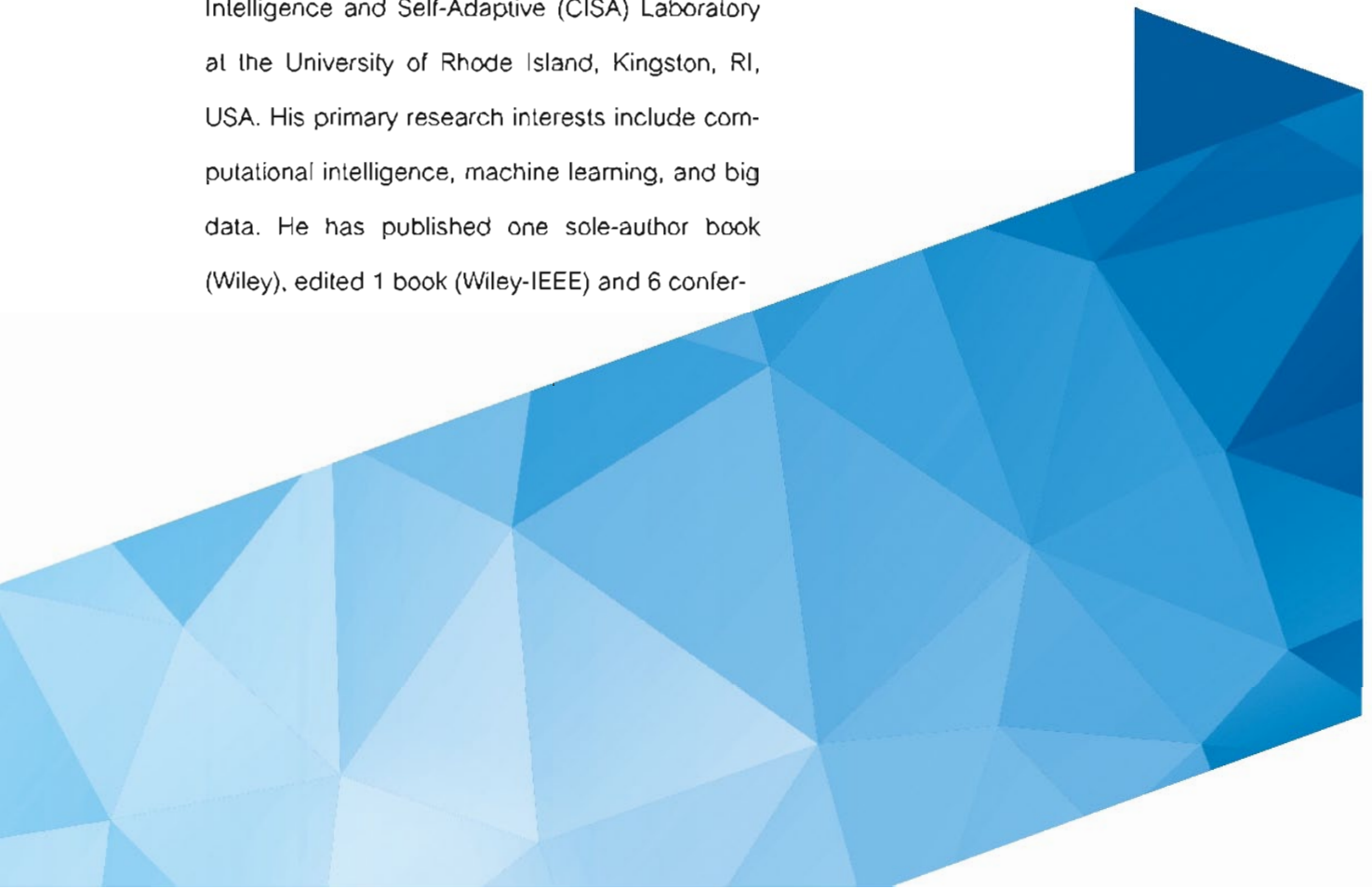
何海波
教授

美国罗德岛州大学Robert Haas讲座教授、计算智能与自适应实验室主任。主要研究领域包括计算智能、机器学习、大数据等。已发表学术论文200余篇，受邀在40多个国际会议做特邀报告、担任国际顶级期刊 IEEE Transactions on Neural Networks and Learning Systems主编、IEEE计算智能学会神经网络技术委员会主席、国际会议IEEE'SSCI 2014总主席。

Haibo He is the Robert Haas Endowed Chair Professor and the Director of the Computational Intelligence and Self-Adaptive (CISA) Laboratory at the University of Rhode Island, Kingston, RI, USA. His primary research interests include computational intelligence, machine learning, and big data. He has published one sole-author book (Wiley), edited 1 book (Wiley-IEEE) and 6 conference proceedings (Springer), and authored/-co-authors over 200 peer-reviewed journal and conference papers. He has delivered more than 40 invited talks around the globe. He has served as Chair of IEEE CIS Neural Networks Technical Committee (NNTC) (2013 and 2014) and General Chair of 2014 IEEE Symposium Series on Computational Intelligence (IEEE SSCI'14). Currently, he is the Editor-in-Chief of IEEE Transactions on Neural Networks and Learning Systems (2015).

Yew Soon Ong
教授

新加坡南洋理工大学计算机工程学院教授、院长、南洋理工大学-劳斯莱斯公司联合实验室首席研究员、新加坡制造技术研究院-南洋理工大学复杂系统联合实验室主任。主要研究领域包括计算智能、进化设计、机器学习等。担任Memetic Computing期刊主编。已发表学术论文170多篇。曾获IEEE CIM和IEEE TEC杰出论文奖。2016年入选汤森路透全球高被引学者。担任国际会议IEEE CEC′2016总主席。

Dr. Yew Soon Ong is a Professor of Computer Science at the School of Computer Engineering (SCE), Nanyang Technological University (NTU), Singapore. He is currently Chair of the School of Computer Engineering, Principal Investigator of the Data Analytics & Complex Systems Programme in the NTU-Rolls Royce Corporate Laboratory and Director of the SIMTech-NTU Joint Laboratory on Complex Systems at SCE-NTU. His research interest in computational intelligence spans across memetic computing, evolutionary design, machine learning and agent-based systems. Dr. Ong is Founding Technical Editor-in-Chief of the Memetic Computing Journal, and Associate Editor of the IEEE Transactions on Neural Networks and Learning Systems, IEEE Transactions on Evolutionary Computation, IEEE Computational Intelligence Magazine, and others. He has published more than 170 refereed articles. In 2015, he received the IEEE Computational Intelligence Magazine Outstanding Paper Award and in 2012 the IEEE Transactions on Evolutionary Computation Outstanding Paper Award for his research works in memetic computation. He is selected as a Thomson Reuters Highly Cited Researcher in 2016. He is also Conference Chair of the Congress on Evolutionary Computation in the 2016 World Congress on Computational Intelligence, to be held in Vancouver, Canada.

Nikhil R. Pal
教授

印度统计研究所电子与通信科学系讲座教授、IEEE Fellow、印度国家科学院院士、印度国家工程院院士、国际模糊系统协会院士、IEEE计算智能学会的杰出讲者。主要研究领域包括生物信息学、脑科学、模糊逻辑、神经网络等。曾任国际顶级期刊IEEE Transactions on Fuzzy Systems主编、亚太神经网络联合会主席、获得2015IEEE计算智能学会模糊系统先驱奖。

Nikhil R. Pal is an INAE Chair Professor in the Electronics and Communication Sciences Unit of the Indian Statistical Institute. His current research interest includes bioinformatics, brain science, fuzzy logic, neural networks. He was the Editor-in-Chief of the IEEE Transactions on Fuzzy Systems. He has served/been serving on the editorial /advisory board/ steering committee of several journals. He is a recipient of the 2015 Fuzzy Systems Pioneer Award given by the IEEE Computational Intelligence Society (CIS). He has served as the General Chair, Program Chair, and co-Program chair of several conferences. He is a Distinguished Lecturer of the IEEE CIS. He has also served as the president of the Asia Pacific Neural Network Assembly (APNNA). He and was a member of the Administrative Committee of the IEEE CIS and is a Distinguished Lecturer of the IEEE CIS (2010-2012, 2016-2018). He is a Fellow of the National Academy of Sciences, India; the Indian National Academy of Engineering; the Indian National Science Academy, the International Fuzzy Systems Association (IFSA), and IEEE, USA.

史玉回

教授

西交利物浦大学电子与电气工程系教授、国际计算智能领域专家、IEEE Fellow。担任国际期刊International Journal of Swarm Intelligence Research主编、IEEE Transactions on Evolutionary Computation 副编辑，1998-2007曾任美国电子资讯系统公司专家，与James Kennedy和Russell C. Eberhart博士共同出版专著《群体大数据》和《计算大数据：从概念到实现》。

Dr. Yuhui Shi is a Professor in the Department of Electrical and Electronic Engineering at the Xi'an Jiaotong-Liverpool University (XJTLU), Suzhou, China, since 2008. Dr. Shi was with the Electronic Data Systems Corporation (EDS), Indiana, USA, from 1998 to 2007. He is an IEEE Fellow, the Editor-in-Chief of the International Journal of Swarm Intelligence Research, and an Associate Editor of the IEEE Transactions on Evolutionary Computation. Dr. Shi co-authored a book on Swarm Intelligence together with Dr. James Kennedy and Dr. Russell C. Eberhart, and another book on Computational Intelligence: Concept to Implementation together with Dr. Russell C. Eberhart.
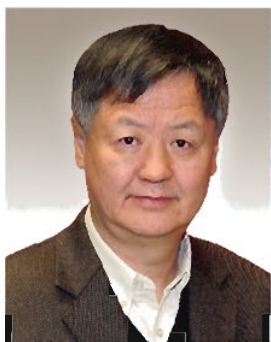
Kay Chen Tan

教授

新加坡国立大学电子与计算机工程系的副教授，IEEE Fellow、IEEE计算智能学会杰出讲者。主要研究计算智能和人工智能及其在多目标优化、调度、大数据分析等领域应用、受邀在50多个国际会议作大会报告，担任国际顶级期刊 IEEE Transactions on Evolutionary Computation 主编、IEEE Computational Intelligence Magazine前主编， 国际会议IEEE CEC′2007、WCCI′2016总主席，曾获IEEE计算智能学会青年成就奖，IEEETNNLS杰出论文奖。

Kay Chen Tan is an Associate Professor with the Department of Electrical and Computer Engineering, National University of Singapore, Singapore. He is actively pursuing research in computational and artificial intelligence, with applications to multi-objective optimization, scheduling, data analytics, prognostics, BCI etc. He has published over 120 journal papers, over 120 papers in conference proceedings, co-authored 5 books. He has been an Invited Keynote/Plenary speaker for over 50 international conferences. He was the General Co-Chair for IEEE Congress on Evolutionary Computation 2007 in Singapore and is the General Co-Chair for IEEE World Congress on Computational Intelligence 2016 in Vancouver, Canada. He is a Fellow of IEEE. He is also the Editor-in-Chief of IEEE Transactions on Evolutionary Computation. He served as the Editor-in-Chief of IEEE Computational Intelligence Magazine (2010-2013).He is the awardee of the 2012 IEEE Computational Intelligence Society (CIS) Outstanding Early Career Award for his contributions to evolutionary computation in multi-objective optimization. He also received the 2016 IEEE CIS Outstanding TNNLS Paper Award for his paper titled "Rapid Feedforward Computation by Temporal Encoding and Learning with Spiking Neurons".

王 钧
教授

香港城市大学计算机科学系讲座教授，上海交通大学长江学者，IEEE Fellow、IAPR Fellow、IEEE计算智能学会杰出讲者。主要从事神经网络及其应用方面研究，已发表200余篇期刊论文。担任国际顶级期刊IEEE Transactions on Cybernetics主编，国际会议ICNIP′2006、IEEE WCCI′2008总主席，亚太神经网络联合会主席。曾获IEEE TNN杰出论文奖，亚太神经网络学会杰出成就奖，IEEE计算智能学会神经网络先驱奖。

Jun Wang is the Chair Professor Computational Intelligence in the Department of Computer Science at City University of Hong Kong. He published about 200 journal papers, 15 book chapters, 11 edited books, and numerous conference papers in these areas. He is the Editor-in-Chief of the IEEE Transactions on Cybernetics. He is an IEEE Fellow, IAPR Fellow, and a recipient of an IEEE Transactions on Neural Networks Outstanding Paper Award and APNNA Outstanding Achievement Award in 2011, Neural Networks Pioneer Award from IEEE Computational Intelligence Society (2014), among others.

姚 新
教授

英国伯明翰大学计算机学院首席教授，计算智能与应用研发中心（CERCIA）主任，教育部长江学者，中科大"大师讲席"教授、中科院海外评审专家，IEEE Fellow，IEEE计算智能学会杰出讲者。主要从事进化计算、神经网络、集成学习等领域研究。曾任IEEE Transactions on Evolutionary Computation主编，IEEE计算智能学会主席。曾获IEEE Donald G. Fink Prize论文奖、IEEE TEC杰出论文奖、IEEETNN杰出论文奖、BT Gordon Radley最佳作者创新奖、英国皇家学会Wolfson研究功勋奖、IEEE计算智能学会演化计算先驱奖。

Xin Yao is a Chair (Professor) of Computer Science and the Director of CERCIA(Centre of Excellence for Research in Computational Intelligence and Applications) at the University of Birmingham, UK. In China, he was given the honour of an Overseas Assessor of Chinese Academy of Sciences, a Chang Jiang Scholar (Chair Professor) of the Ministry of Education. He is an IEEE Fellow and a Distinguished Lecturer of IEEE Computational Intelligence Society (CIS). He previously served as the Editor-in-Chief (2003-08) of IEEE Transactions on Evolutionary Computation and the President (2014-15) of IEEE CIS. His main research interests include evolutionary computation, ensemble learning, and their applications, especially in software engineering. His papers won the 2001 IEEE Donald G. Fink Prize 周志华Paper Award, 2010 and 2015 IEEE Transactions on Evolutionary Computation Outstanding Paper Awards, 2010 BT Gordon Radley Award for Best Author of Innovation (Finalist), 2011 IEEE Transactions on Neural Networks Outstanding Paper Award, and many other best paper awards. He won the prestigious Royal Society Wolfson Research Merit Award in 2012 and the IEEE CIS Evolutionary Computation Pioneer Award in 2013.

周志华
教授

南京大学计算机科学与技术系教授，副院长，计算机软件新技术国家重点实验室常务副主任，AAAI Fellow, IEEE Fellow, IAPR Fellow，ACM杰出科学家。主要从事人工智能、机器学习、数据挖掘等领域的研究。在本领域顶级国际期刊会议发表论文逾百篇，被引用逾2万次，担任过16个SCI期刊的编委、并有丰富的业界咨询实践经验。曾获国家自然科学二等奖（排名第一），长江学者特聘教授，国家杰出青年科学基金。

Zhi-Hua Zhou is a Professor, Deputy Dean of the Department of Computer Science and Technology, Standing Deputy Director of the National Key Lab for Novel Software Technology, and Founding Director of LAMDA (the Institute of Machine Learning and Data Mining) at Nanjing University. He has wide research interests, mainly including machine learning, data mining, pattern recognition and artificial intelligence. He authored the book "Ensemble Methods: Foundations and Algorithms", published more than 100 papers in leading international journals or conferences, and holds 12 patents. He has been awarded with various honors such as the National Natural Science Award of China (2013), the IEEE Computational Intelligence Society Outstanding Early Career Award (2013), the Fok Ying Tung Young Professorship First-Grade Award (2010), the National Science & Technology Award for Young Scholars of China (2006), the Microsoft Professorship Award (2006), and twelve journal/conference paper/presentation or competition awards. He serves/ed on editorial boards of 16 SCI(E) journals. He is an ACM Distinguished Scientist and Fellow of the AAAI, CCF, IAPR, IEEE, IET/IEE.

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