

HARDWARE LAB

INNOVATION DAY

Connecting Global Minds to Bring Chips to Life



10:00 - 16:30 (HKT) | 12 June 2024 (Wed)
 Grand Hall & Function Hall, 12W, Hong Kong Science Park

09:30 - 10:00	Registration
10:00 - 10:02	Event Kickoff
10:02 - 10:05	<u>Welcome Remarks by HKSTP</u> Mr. Albert WONG , CEO, Hong Kong Science and Technology Parks Corporation
10:05 - 10:08	<u>Opening Remarks by Arrow</u> Ms. Jacqueline LEUNG , President, Greater China Components, Arrow Electronics
10:08 - 10:11	<u>Speech by GOH</u> Prof. Dong SUN , JP , Secretary for Innovation, Technology and Industry of the Government of the Hong Kong Special Administrative Region
10:11 - 10:16	<u>Introduction of HKSTP x Arrow Hardware Lab</u> Mr. Jacky WAN , Vice President, Supplier Management and Engineering APAC, Arrow Electronics
10:16 - 10:25	Celebration Ceremony + Group Photo
10:25 - 10:45	<u>Keynote Speech (1) - Advances in Electronics Reliability Qualification</u> Prof. Michael PECHT , Distinguished Professor and Director, CALCE Electronic Products and Systems Center, University of Maryland
10:45 - 11:05	<u>Keynote Speech (2) - Low Energy ST Embedded AI Solutions</u> Mr. Matteo MARAVITA , Asia AI and Smartphone Competence Center Senior Manager, STMicroelectronics
11:05 – 11:20	<u>EIC technology capabilities & expertise in creating Qualcomm based solutions in various market segments including robotics, Automotive, EV charging and Battery management (Online)</u> Mr. Sundeep SUBBARAU , Associate Director - Product Management and Product Marketing, eInfochips, An Arrow Company
11:20 - 11:40	<u>Qualcomm Industrial & embedded IoT solutions and Partner connect</u> <u>Evolving developer experience and community</u> Mr. Manoj RAVIPATI , Principal Engineer, Technical Account Management, Qualcomm
11:40 - 11:55	<u>Academia x Application Sharing - Miniaturized Force Sensing Solution for Ubiquitous Interactive Sensors</u> Prof. George YUAN , Associate Head (PG Studies and Outreach) and Associate Professor, Department of Electronic and Computer Engineering, Hong Kong University of Science and Technology, Founder & Chairman, Atom Semiconductor Technologies Limited

11:55 - 12:25	<p><u>Panel Discussion (I) - Microelectronics Innovation and How to Bring it to Real Applications and Market</u></p> <p>Panelists</p> <ul style="list-style-type: none"> • Mr. Bong CHAN, Deloitte China Southern Region TMT leader and lead partner of the Deloitte Hong Kong Science Park Office • Dr Carmen FUNG, Associate Director, Strategic Development, Hong Kong Science and Technology Parks Corporation • Mr. Matteo MARAVITA, Asia AI and Smartphone Competence Center Senior Manager, STMicroelectronics • Mr. Michael XUE, Investment Director, Lenovo Capital and Incubator Group (LCIG) <p>Moderator Ir Prof. Winco YUNG, Senior Consultant & Former Centre Director, Centre for Advances in Reliability and Safety (CAiRS)</p>
12:25 - 14:00	Lunch Break
14:00 - 14:30	<p><u>Panel Discussion (II) - Nurturing Future Leaders in Microelectronics</u></p> <p>Panelists</p> <ul style="list-style-type: none"> • Prof. Yang CHAI, Professor of Department of Applied Physics, Associate Dean of Faculty of Science (Research), The Hong Kong Polytechnic University • Prof. Ray CHEUNG, Associate Provost (Digital Learning), Office of the Provost and Deputy President, Professor, Department of Electrical Engineering, Professor, Affiliate, Department of Computer Science, City University of Hong Kong • Mr. Jacky WAN, Vice President, Supplier Management and Engineering APAC, Arrow Electronics • Prof. Ngai WONG, Associate Professor of Electrical and Electronic Engineering, The University of Hong Kong <p>Moderator Mr. Johnathan CHOY, Associate Director, Talent Acquisition, Engagement and Career Advisor, Hong Kong Science and Technology Parks Corporation</p>
14:30 - 14:45	<p><u>Application sharing (1) - Revolutionizing Innovation: Introduction to Elitestek and the innovative 16nm FPGA with Low Power, High Performance, and Compact Design</u></p> <p>Mr. Albert TAI, Senior Director of Product Engineering, Elitestek Limited</p>
14:45 - 14:55	<p><u>Academia Talk (1) - Revolutionizing Ubiquitous Computing: Leveraging Emerging Microelectronics & Compute-in-Memory for Next-Generation AI</u></p> <p>Prof. Ngai WONG, Associate Professor of Electrical and Electronic Engineering, The University of Hong Kong</p>
14:55 - 15:10	<p><u>Application sharing (2) - Thermal Imaging and AI Analytics Enabling Better Living -- Smart Appliances, Energy Efficiency, Safety, FaceID Anti-spoofing, Health and Wellness</u></p> <p>Mr. Hasan GADJALI, Co-Founder & COO, Meridian Innovation Limited Dr. Stanislav MARKOV, Director, Meridian Innovation Limited</p>
15:10 - 15:20	<p><u>Academia Talk (2) - Bioinspired In-sensor Computing for Artificial Vision</u></p> <p>Prof. Yang CHAI, Professor of Department of Applied Physics, Associate Dean of Faculty of Science (Research), The Hong Kong Polytechnic University</p>
15:20 - 15:35	<p><u>Application sharing (3) - AI Smart Belt for Social Inclusive Society, AI Smart Belt to Aid the Blind</u></p> <p>Dr Florence CHAN, Co-Founder, AI Guided Limited</p>
15:35 - 15:45	<p><u>Academia Talk (3) - Driving Innovation with RISC-V: The Future of Microelectronics</u></p> <p>Prof. Ray CHEUNG, Associate Provost (Digital Learning), Office of the Provost and Deputy President, Professor, Department of Electrical Engineering, Professor, Affiliate, Department of Computer Science, City University of Hong Kong</p>
15:45 - 16:00	<p><u>Application sharing (4) - Speeding Ahead: How High-speed Interconnects Propel Hardware Innovations</u></p> <p>Mr. Harry CHAN, Founder & CEO, eTopus Technology (HK) Limited</p>
16:00 - 16:30	Networking Session