

Latest Development on Sensor Technology 傳感器技術之最新發展

Date 日期 : 14 / 10 / 2017 (Saturday 星期六)

Time 時間 : 10:00am – 1:00pm

Venue 地點 : Seminar Room, Hall 5FG, Hong Kong Convention & Exhibition Centre
香港會議展覽中心展覽廳 5FG 研討室

Language 語言 : English (with simultaneous interpretation service)
英語 (附即時傳譯服務)

Remarks 備註 : Free Admission (Please click [HERE](#) to register online)
免費入座「[按此](#)」登記

**Q&A Session
with Prize!
有獎問答環節!**

Time 時間	Programme 程序表
10:00am – 10:15am	Registration 登記
10:15am – 10:23am	Souvenir Presentation to Speakers by 頒發紀念品予演講嘉賓 Ms Anna Cheung, Senior Exhibitions Manager, Hong Kong Trade Development Council 香港貿易發展局展覽事務高級經理張詩慧小姐 Ms Joanna Wong, Project Director, MMI Asia Pte Ltd 慕尼黑國際博覽亞洲有限公司展覽總監 黃偉莊女士
10:23am – 10:25am	Group Photo Taking with all representatives 代表合照
10:25am – 11:10am	Digital-steps-are-minimal-steps: With sensors in the Internet of Things from a medical point of view Prof. Dr.-Ing. Markus Haid, Head of Competence Centre of Applied Sensor Systems, Darmstadt University of Applied Science
11:10am – 11:55am	Latest Technology and Trend on Electrical Sensors for Medical Use with Sharing on Design and Fabrication Consideration Prof. Paul R. Stoddart, Director, ARC Training Centre in Biodevices Faculty of Science, Engineering & Technology, Swinburne University of Technology
11:55am – 12:25pm	Compliance Testing Requirements for Electronics Sensors for Medical Use Mr Terry Chan, Wireless Lab Manager, Intertek Hong Kong 香港天祥公證行無線測試實驗室經理 陳志雄先生
12:25pm – 12:40pm	Smart Healthcare and Medtech Case Sharing Mr Bryan So, Principal Consultant, Head of Smart Healthcare, Medtech & Optics Unit, Automotive & Electronics Division, Hong Kong Productivity Council 香港生產力促進局汽車及電子部智能保健, 醫療科技及光學首席顧問 蘇文傑先生
12:40pm – 12:55pm	Q&A Session and Panel Discussion 問答及討論 Moderator: Mr Bryan So, Principal Consultant, Head of Smart Healthcare, Medtech & Optics Unit, Automotive & Electronics Division, Hong Kong Productivity Council 香港生產力促進局汽車及電子部智能保健, 醫療科技及光學首席顧問 蘇文傑先生
12:55pm – 1pm	Q&A Session with Prize 有獎問答環節
1pm	End of Seminar 研討會結束

Organiser 主辦機構:



香港電子業商會
The Hong Kong Electronic Industries Association

Co-organiser 協辦機構:



Remarks 備註:

- Free admission. Seats are granted on a **first-come-first-served basis**. 免費入場。座位有限，**先到先得**。
- Trade only and persons under 18 will not be admitted. 只接待 18 歲或以上業內人士進場。
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Speaker Profile 講者簡介

Prof. Dr.-Ing. Markus Haid,
Head of Competence Centre of Applied Sensor Systems, Darmstadt University of Applied Science

Prof. Dr. Haid, Professor at the Department of Electrical Engineering and Information Technology at the University of Darmstadt since 2008, is the Head of CCASS and LabVIEW Competence Centre for High-Assurance System Development (LabVIEW CAS). After his time at Fraunhofer TEG, Haid worked as a technical and commercial counterpart in the Automotive Electronics division of Robert Bosch GmbH in Stuttgart. At Bosch, he was responsible for the topic AUTOSAR, in the production area restraint systems.

<https://eit.h-da.de/fachbereich/personen/lehrende/professoren/markus-haid/>



Presentation abstract:

- What is IoT and digitalization?
- The 4 pillars of Internet of Things?
- The role of sensors in a digital transformation
- Smart medical and healthcare devices based on sensors
- To discover smart business models from a medical point of view

Prof. Paul R. Stoddart, Director, ARC Training Centre in Biodevices,
Faculty of Science, Engineering & Technology, Swinburne University of Technology



Paul Stoddart graduated with BSc (Honours) in physics and PhD in laser spectroscopy from the University of the Witwatersrand, South Africa. After working on industry-focused surface science and microanalysis problems in a national lab for three years, he joined Swinburne University of Technology in 2001. He is currently the Director of Swinburne's Australian Research Council Training Centre in Biodevices, for which he received the Vice-Chancellor's Engagement Award in 2014. As a Professor of Biomedical Engineering at Swinburne, his research interests include applied optics, biophotonics and medical devices, with a particular focus in the areas of optical nerve stimulation, optical fibre sensors and Raman spectroscopy.

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Speaker Profile 講者簡介

Mr Terry Chan, Wireless Lab Manager, Intertek Hong Kong

香港天祥公證行無線測試實驗室經理 陳志雄先生

Mr. Terry Chan has over 10 years of wide range of technical knowledge and experience in conformity services. He is a Member of Institution of Engineering and Technology, and Certified Testing Professional of HKTIC (Hong Kong Association for Testing, Inspection and Certification) in EMC tests.

Intertek Hong Kong provides comprehensive product safety, electromagnetic compatibility (EMC) and performance testing and certification services that enable manufacturers worldwide to reach the markets necessary to capitalize on competitive business opportunities. These are provided to customers in such industries as household appliances, audio & video product, lighting, power supply, telecom, installation accessories, IT and wireless product (e.g. remote controlled toys, Bluetooth, Wi-Fi products, etc).



陳志雄先生在產品質量測試與安全認證領域擁有超過10年廣泛的技術知識和專業經驗。陳先生是工程與技術學會之會員及香港測檢認證協會電磁兼容測試領域之認可的測試專員。香港天祥公證行提供全面的產品安全、電磁兼容性和質量性能測試以及認證服務，致力為全球之生產商之產品和流程增加價值，促進他們在環球市場上取得成功。我們的服務內容廣泛，涵蓋客戶之行業包括家用電器、音視頻產品、照明、供電、電信、安裝配件、IT和無線通訊產品（例如：遙控玩具、藍牙、Wi-Fi無線網絡產品等）。

Mr Bryan So, Principal Consultant, Head of Smart Healthcare, Medtech & Optics Unit, Automotive & Electronics Division, Hong Kong Productivity Council

Bryan is the Principal Consultant and Head of the Medical and Smart Optics Unit of the Hong Kong Productivity Council (HKPC), specialized in advanced manufacturing technologies, product development, medical device development, quality management system and regulatory affairs. Bryan is the pioneer in biomedical technology development, and the leading investigator of government funded projects on biomedical R&D and industry best practices, including SME Development Fund projects on ISO14971 Risk Management for Medical Devices, Medical Device Good Distribution Practices (MDGPD); PSDAS projects on Biomedical Engineering, Paediatric Dermatology, Optical Engineering; and ITF projects on the development of Dental CAD/CAM system, Artificial Finger Joint, Liquid Silicone Rubber Processing Technology, Bio-Optical Technology for Dermoscopy on Melanoma, etc.



As an expert in medical device regulations, he has developed the local pilot schemes of medical device risk management system and medical device good distribution practice, and authored the manuals for the two pilot schemes. Bryan has won recognitions and awards in professional engineering community, including the grand prize winner of the HKIE Young Engineer of the Year Award, HKIE Innovation Awards for Young Members, HKPC Award for Distinguish Achievement, etc. He is the Honorary Secretary of the Biomedical Division of The Hong Kong Institution of Engineers, Executive Committee Member of the IEEE Engineering in Medical and Biological Society Hong Kong Macau Joint Chapter, Executive Deputy Secretary General of the Asian Harmonization Working Party (AHWP) on the harmonization of medical device regulatory.

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