Organiser 主辦機構

Funding Organisation 資助機構

Seminar on "Intelligent Metrology for Electronics Industry"
電子行業應用智能計量技術研討會

The seminar will introduce smart metrology and its application on electronics industry. Case sharing and analysis will be provided for participants to illustrate the cost effectiveness, advantages and limitations of the subject technology in different electronics' products sectors, leading the brand-new development of local industry and exploring market opportunities. This event is one of the seminars under the "Boosting Smart Manufacturing with Advanced and Intelligent Metrology" Series.

今次研討會旨在向業界展示智能計量相關技術在電子行業上的應用，並提供個案分享及分析，藉以讓參加者認知這些技術，在不同電子產品行業展現的成本效益、優勢和限制，引領本地業界邁向全新發展，拓展市場機遇。這項活動是「應用先進及智慧計量科技躍進智能製造」系列的其中一個研討會。

Date and time 日期及時間	28 March 2022 (2:30pm-5:30pm) 2022年3月28日 （下午2時30分至5時30分）
Venue 地點	Online Broadcast 網上直播
Medium 語言	Putonghua 普通話
Fee 費用	Free of charge 免費
Target Audience 目標觀眾	Management staffs, engineers and other interested parties of electronics industries 電子行業管理人員、工程人員及其他感興趣人士

Introduction 簡介

The manufacturers are now migrating towards the era of smart manufacturing. The rise of labour cost, excess capacity and lack of professionals in manufacturing enterprises enabling the trend of smart manufacturing adopted by manufacturers. Automated smart metrology and quality assurance technologies become the direction of the industry. Artificial Intelligence technologies can be applied in parts inspection. It reduces faults by manual operations as well as enhances products' precision to adapt with the requirements for the era of Industry 4.0. Automatic data collection and inspection result analysis can be conducted and the process is not affected by shortage of labour.

現代製造業正邁向智能製造。勞動力成本的攀升、產能過剩，和製造企業缺乏專業技師等問題，使智能製造成為業界的大趨勢。自動化的智能測量及質量控制技術成為現今的發展路向，人工智能技術亦可應用於檢查部件，減少人為錯誤及提高產品的精確度，配合工業4.0的時代發展需求，自動擷取數據和分析測量結果，不受人手短缺影響過程。

In this seminar, the experts will share the latest trending metrology solutions for smart manufacturing and quality control in electronics, and related industries based on their professional background and experience. Participants will learn the best practice and global technology trends of intelligent metrology.

在今次研討會中，專家將以各自的專業背景和經驗，分享目前可用於電子及相關行業的最先進計量技術解決方案，讓參加者了解目前智能計量的最佳實踐方案和全球技術趨勢。

Rundown 活動流程

Time 時間	Programme 程序	Speaker 講者
14:15 - 14:30	Registration 登記	
14:30 - 15:25	Topic 1: Advanced Optical Metrology for Electronics and Electrical Industries 講題一：應用在電子及電力行業的先進光學計量技術	Mr Jianhua LUO, General Manager, Shenzhen Vatop Semicon Tech Co., Ltd, China 羅建華先生 深圳市華拓半導體技術有限公司總經理
15:25 - 16:20	Topic 2: The Smart and Automated Measurement Technology and Systems for Electronics and Electrical Products Manufacturing – Electronic packaging failure analysis technology 講題二：應用於電子和電器產品製造之智能及自動測量技術 – 電子封裝失效分析技術	Dr Liyin GAO, Associate Professor, Shenzhen Institute of Advanced Electronic Material, Chinese Academy of Sciences, China 高麗茵博士 中國科學院深圳先進電子材料國際創新研究院 副研究員
16:20 - 16:35	Tea Break 休息	
16:35 - 17:30	Topic 3: How to Fully Inspect PCBA with Advanced and Intelligent Optical Measurement Technology – Reliability testing of PCBA 講題三：如何運用先進及智能光學測量技術完整地檢查印刷電路板封裝製程 – 電子組裝的可靠性試驗	Mr Longfei SUN, Failure Analysis Engineer, Guangzhou GRG Metrology & Test Co.,Ltd., China 孫龍飛先生 廣州廣電計量檢測股份有限公司失效分析工程師
17:30	End of Seminar 研討會結束	

Enrolment Method 報名方法

Please scan the QR Code or enter the website below for further details.

請掃描二維碼或進入以下網頁查閱詳情

https://www.hkpcacademy.org/10010266-04-seminar-on-intelligent-metrology-for-electronics-industry/

Supporting Organisations 支持機構

香港工業總會 FHKI Federation of Hong Kong Industries
香港創新科技及製造業聯合總會 FITMI Hong Kong Federation of Innovative Technologies and Manufacturing Industries
香港汽車零部件工業協會 Hong Kong Auto Parts Industry Association
Hong Kong Critical Components Manufacturers Association
香港鑄造業總會 Hong Kong Foundry Association
香港金屬製造業協會 HKMMA
香港模具及產品科技協會 Hong Kong Mould and Product Technology Association
HKPMA Hong Kong Plastic Machinery Association 香港塑膠機械協會
香港中小企經貿促進會 Hong Kong (SME)Economic and Trade Promotional Association Limited

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