Organiser 主辦機構

Funding Organisation 資助機構

Seminar on "Intelligent Metrology for Plastics Industry"
塑膠行業應用智能計量技術研討會

The seminar will introduce smart metrology and its application on plastics industry. Case sharing and analysis will be provided for participants to illustrate the cost effectiveness, advantages and limitations of the subject technology in different plastic 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塑膠行業上的應用，並提供個案分享及分析，藉以讓參加者認知這些技術，在不同塑膠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	18 February 2022 (2:30pm-5:30pm) 2022年2月18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	HK$ 100 / person (Free of charge for supporting organisations' members) 港幣100元（支持機構之會員免費）
Target Audience 目標觀眾	Managers, engineers and other practitioners of plastics, mould and related industries 塑膠加工、模具及相關行業經理、工程師及其他人士

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 plastics, 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，分享目前可用於塑膠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: The Advanced Metrology and Quality Assurance Technologies for Precision Plastics and Mould Industries 講題一：應用在精密塑膠及模具行業的先進計量及質量管控技術	Mr Dingzhong HAN, National Service Manager, Carl Zeiss (Shanghai) Co.,Ltd., Germany 韓定中先生 德國卡爾蔡司(上海)管理有限公司 全國產品支援經理
15:25 - 16:20	Topic 2: Smart Measurement Technologies for Flexible Manufacturing of Electronics Products Plastic Parts 講題二：應用於靈活製造電子產品塑膠件之智能測量技術	Prof Yang LI, Associate Professor, School of Mechanical and Power Engineering, Zhengzhou University, China 李陽教授 鄭州大學機械與動力工程學院副教授
16:20 - 16:35	Tea Break 休息	
16:35 - 17:30	Topic 3: The Automated and Intelligent Optical Metrology for Automotive Interior Decoration Parts 講題三：應用於汽車內部飾件中的自動及智能光學計量技術	Mr Yuhui WANG, Manager of Metrology China, Draexlmaier (Shenyang) Automative Components Co., China 王玉輝先生 德科斯米爾（沈陽）汽車配件有限公司 中國區計量經理
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/10010266-03-seminar-on-intelligent-metrology-for-plastics-industry/

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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 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
香港模具及產品科技協會 Hong Kong Mould and Product Technology Association
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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