

科技部中部科學工業園區管理局
高科技產業設備技術暨智能化研發計畫—先期階段
智能化製造業創新創業專題演講

講題：Accelerating Advanced Manufacturing in the U.S.

演講者：

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ABSTRACT

The renewed emphasis on Advanced Manufacturing, given its importance to the United States, has led to many initiatives that are currently being supported by the federal government. Many of these initiatives are closely related to advancing some of the concepts expounded in Industry 4.0, and leveraging such concepts to strengthen and grow the manufacturing sector in the United States. In this presentation an overview of existing major initiatives will be given with particular emphasis on the programs under the umbrella of the National Network for Manufacturing Innovation (NNMI).

舉辦時間：105 年 8 月 23 日（星期二）下午 14：30 - 16：00

舉辦地點：中興大學中科園區育成中心 2F 國際會議廳（台中市西屯區科園路 19 號）

報名時間：即日起至 105 年 8 月 22 日下午 14:30 前（額滿為主）

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本演講有現場即時翻譯

聯絡方式：

高科技產業設備技術暨智能化研發與推廣計畫辦公室

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演講者介紹：



Professor Ehmann has received his B.S. and M.S., degrees in 1970 and 1974 respectively from the University of Belgrade, Yugoslavia and his Ph.D. degree from the University of Wisconsin-Madison in 1979, all in Mechanical Engineering. He has served as a Professor from 1990 – current, an Associate Professor from 1985 – 1990, both in the Department of Mechanical Engineering at Northwestern University, and as an Assistant Professor from 1981 – 1985 in the Department of Mechanical Engineering at the University of Wisconsin-Madison. He has also held positions as an Adjunct Professor of the Department of Mechanical and Industrial Engineering at the University of Illinois at Urbana/Champaign, a Distinguished Honorary Professor of the Department of

Mechanical Engineering at IIT-Kanpur, India, a University Chair Professor of Chung Yuan Christian University, Chung Li, Taiwan and a Visiting Professor at the University of Belgrade. Dr. Ehmann's main research interests are in the interrelated areas of machine tool structural dynamics, metal cutting processes and dynamics, computer control of machine tools and robots, accuracy control in machining, and micro/meso-scale manufacturing. Dr. Ehmann has published over 350 articles and supervised over 45 MS and 45 Ph.D. students. He is currently the editor in chief on the Elsevier/SME Journal – Manufacturing Letters. He has served as the Technical Editor of the ASME Transactions: Journal of Manufacturing Science and Engineering, as the President of the North American Manufacturing Research Institution of the Society of Manufacturing Engineers (NAMRI/SME), as the Chair of the Manufacturing Engineering Division of the American Society of Mechanical Engineers (MED/ASME) and as the director of the International Institution for Micromanufacturing (I2M2). In 2004 he was named the James N. and Nancy J. Farley Professor in Manufacturing and Entrepreneurship at Northwestern. He was awarded a Distinguished Visiting Fellowship by the Royal Academy of Engineering at Cardiff University, the SME Gold Medal, MED/ASME Outstanding Service Award, NAMRI/SME Outstanding Lifetime Service Award, ASME: Blackall Machine Tool and Gage Award, and the ASME: Milton C. Shaw Manufacturing Research Medal. Professor Ehmann is a Fellow of the American Society of Mechanical Engineers (ASME), Society of Manufacturing Engineers (SME) and of the International Society for Nanomanufacturing (ISNM).

**智能化製造業創新創業專題演講
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※填妥此表後，請 mail 回傳至：吳涓伊 pingi86wu@gmail.com 或傳真至：04-36068995 報名

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