



全球領航專家齊聚 探討最新半導體趨勢，掌握市場商機

由工業技術研究院主辦，引領半導體產業發展的年度盛會「2023國際超大型積體電路技術研討會」，齊聚國際半導體大廠與國內外頂尖學術機構產學研代表，逾60位知名專家分享精彩演講及論文發表，聚焦半導體產業最新產業趨勢及技術發展，讓您為下世代產業發展及多元應用提前布局，搶攻市場商機。



Olivier Faynot

Head of Silicon Component
Division, CEA-Leti



Shih-Lien Lu

Professor
Warner Pacific University



John Martinis

Professor
UC Santa Barbara



Robert Munoz

Principal Engineer
Intel



宋栢安

台灣區總經理
Cadence



Ken Takeuchi

Professor
The University of Tokyo



王鈺強

AI 研究總監
NVIDIA

研討會焦點內容

- 精選全球頂尖論文68篇
- 2場聯合主題議程
 - Sensors – Devices Circuit and Applications in Automotive/Drone
 - Heterogeneous Integration
- 7場特別主題議程
 - High Power Devices
 - Advanced Packaging Technologies
 - Novel Channel Logic and 3D-stacked Transistors
 - Dielectric Stacking and Interface Engineering
 - Compute-in-Memory: From Architecture to Devices
 - Security and Encryption
 - Advanced Process-induced Design Challenges and Solutions
- 3場深度短期課程
 - BEOL Oxide Semiconductor Devices
 - AI Fundamentals and Practices
 - Data Converter Design for Emerging Applications
- 2場國內IC設計廠商領先技術之研究成果(Industrial Sessions)
 - Enabling Practices of Silicon Life-cycle Management
 - Cutting-Edge Computing Technologies from Purpose-Built Accelerators, Unified Memory Interfaces, to AI SoC Design Flows

大師專題演講

- **Plenary Session 1**
 - **John Martinis**, Professor, UC Santa Barbara
 - **Robert Munoz**, Principal Engineer, Intel
- **Plenary Session 2**
 - **Olivier Faynot**, Head of Silicon Component Division, CEA-Leti
 - **王鈺強**, AI研究總監, NVIDIA
- **Plenary Session 3**
 - **Ken Takeuchi**, Professor, The University of Tokyo
 - **Shih-Lien Lu**, Professor, Warner Pacific University
- **Luncheon Keynote**
 - **宋栢安**, 台灣區總經理, Cadence



VLSI TSA研討會將依循中央流行疫情指揮中心防疫規定，若您於研討會前兩天內有發燒或呼吸道症狀者，請改為參加線上研討會；本研討會期間，請於室內全程配戴口罩，後續防疫規定，將視疫情變化做滾動調整及通知。

立即註冊 Register Now!



報名窗口：邱秀雲小姐 Harriet Chiu

電話：03-5914778

Email: vlsi_reg@itri.org.tw