

國立清華大學「微感測器與致動器產學聯盟」活動公告

• 時間：08/22/2025 (星期五) 下午 15:00-17:00

• 地點：國立清華大學工程一館 108 室

● 宗旨

2013 年多位在微感測器與致動器領域有豐富經驗的清大教授，在國科會的支持下推動「微感測器與致動器產學聯盟」(Micro Sensors and Actuators Technology Consortium, μ SAT)，希望透過整合學界與國家實驗室的資源和經驗，協助業界解決相關技術問題、提供設備的支援、技術的轉移、及人才的培育。

● 演講內容 (Abstract)

MEMS sensors serve as gears to connect people with their surroundings, and enable deeper perception and interaction to the environment. We are able to leverage the information that sensors perceive to develop functions that improve the quality of life. The rise in robotics, autonomous vehicles, smart homes, IoT, AR/VR/MR, and environmental hubs has become the driving force for the acceleration and development of MEMS sensors technology. ASE-CL offers a variety of sensor packaging solutions that leverage upon an established database of simulation, material properties and assembly experience to address dedicated sensor requirements of different microelectronic, optoelectronic, RF, biomedical device, sensor, actuator and microsystem applications. While traditional packaging is generally used to protect chips, MEMS packaging is integral to the functionality of the device. Each sensor device has unique packaging requirements to meet specific functions for interacting with external devices or the environment.

時間 (Time)	題目 (Title)	講員 (Speaker)
15:00-16:00	Packaging for MEMS Sensor	Jay Tang (Senior Department Manager of ASECL)
16:00-17:00	Coffee time and networking	

• 參加對象：對微系統領域有興趣之業界及學研界人士

• 名額：由於座位有限，名額僅 100 人

請於 2025/8/20 前上網報名

<http://goo.gl/forms/yfaIfF44UY>

• 費用：一律免費

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主辦單位：國立清華大學「微感測器與致動器產學聯盟」

(網址：<http://www.usat.org.tw/>)

SEMI Taiwan (網址：<http://www.semi.org/ch/>)

協辦單位：國立清華大學動機系、國立清華大學奈微所、國立清華大學工學院產學研合作聯盟

