國立陽明交通大學
NATIONAL YANG MING CHIAO TUNG UNIVERSITY

ZEISS Crossbeam FIB-SEM System

Grand Debut Workshop

ZEISS Crossbeam FIB-SEM System

Maximize Your SEM Insights

- Extract true sample information from your high resolution SEM images using Gemini electron optics.
- Count on the SEM performance of your Crossbeam for 2D surface sensitive images or when performing 3D tomography.
- Benefit from high resolution, contrast and signal-to-noise ratios, even when using very low accelerating voltages.
- Characterize your sample comprehensively with a range of detectors. Get pure materials contrast with the unique in-lens EsB detector.
- Investigate non-conductive specimens undisturbed by charging artifacts.

Increase Your FIB Sample Throughput

- Benefit from speed and precision of intelligent FIB scanning strategies for material removal and perform your experiments much faster than before.
- The Ion-Sculptor FIB column revolutionizes FIB processing by minimizing sample damage, ensuring higher sample quality, and enabling faster experiments simultaneously.
- Manipulate your samples precisely and fast by using up to 100 nA current without compromising FIB resolution.
- When preparing TEM samples use the low voltage capabilities of the Ion-sculptor FIB : get ultra-thin samples while keeping amorphization damage at a minimum.

國立陽明交通大學儀器資源中心
Instrumentation Resource Center of NYCU

全新購置
“高解析雙束型聚焦離子束顯微鏡系統
ZEISS Crossbeam FIB-SEM System “ 服務使用說明會

日期: 2025年3月7日(星期五)
時間: 09:30 – 15:20
地點: 國立陽明交通大學 材料科學與工程學系所
工程六館1樓 優貝克廳

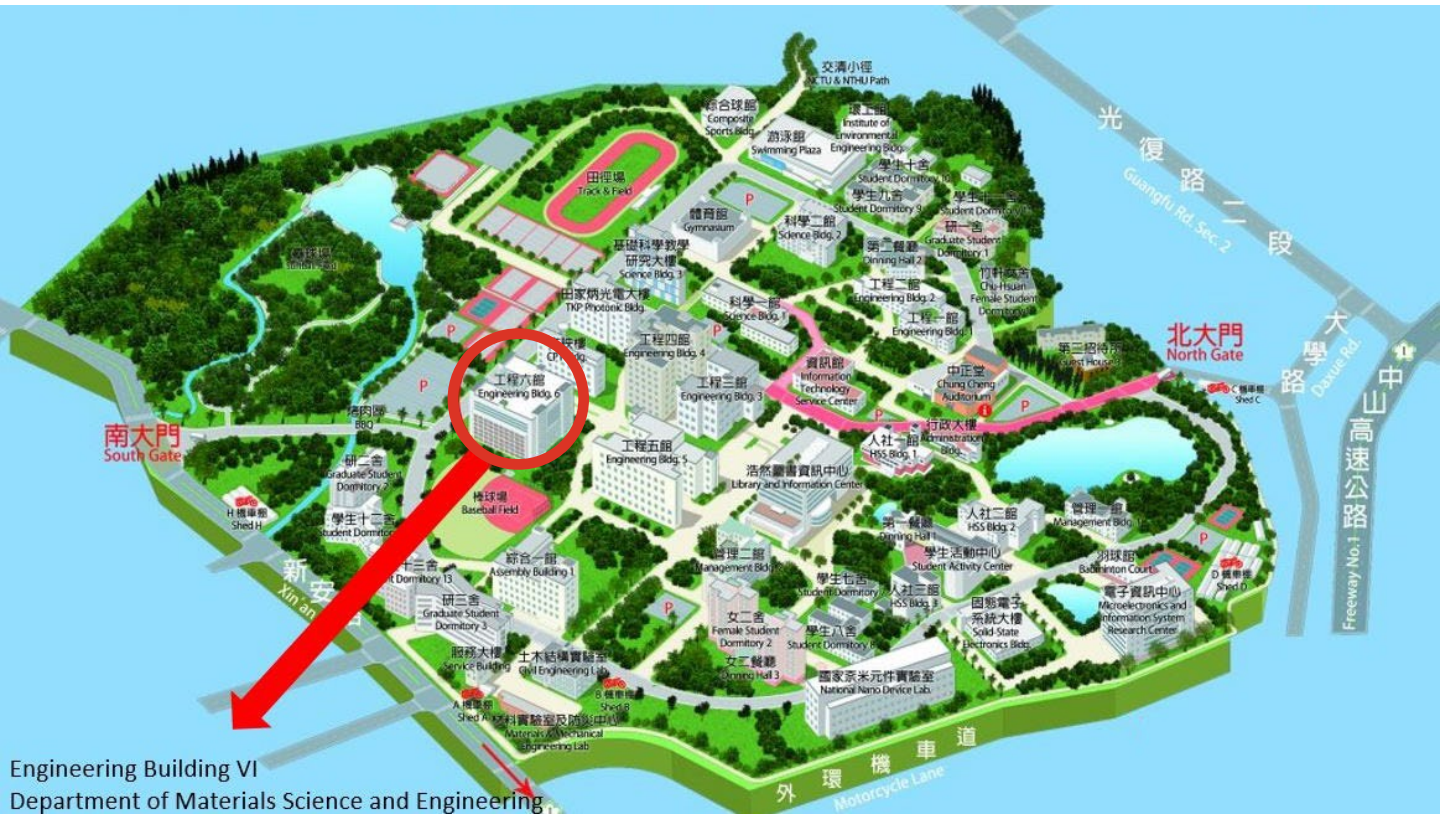
掃描QR Code 或點擊報名

時間 Time	議程 Agenda	主講人 Speaker/Host
9:30 – 10:00	Welcome reception	
10:00 – 10:10	開幕引言	趙天生 主任 國立陽明交通大學 儀資中心
10:10 – 10:30	儀器服務介紹	吳文偉 教授 國立陽明交通大學 材料系
10:30 – 11:20	ZEISS Crossbeam features in advanced material study and applications	邱亭瑄 ZEISS EM Application Engineer
11:20 – 12:00	EDS & EBSD introduction	王廷玉 博士 Oxford NanoAnlysis Application Scientist
12:00 – 13:30	午餐時間 Lunch break (201室，備有餐盒)	
13:30 – 15:20	分組參觀展示說明 13:30 – 14:00 A組 14:10 – 14:40 B組 14:50 – 15:20 C組	卡爾蔡司應用工程師團隊

分組參觀展示，因場地與時間限制，將分3梯次，每次5~7人，展示時間約30分鐘，名額有限，活動當日公告參加人員名單。

活動聯絡窗口: 電話: 03-571-2121 ext 55346
蔡菁芫 a6655639@gmail.com
黃華靜 a0987270722@gmail.com
活動名額有限，請掃描QR Code報名

國立陽明交通大學 材料科學與工程學系所 工程六館 示意圖
新竹市東區大學路1001號工程六館



工程六館 局部圖
附近停車場 示意圖