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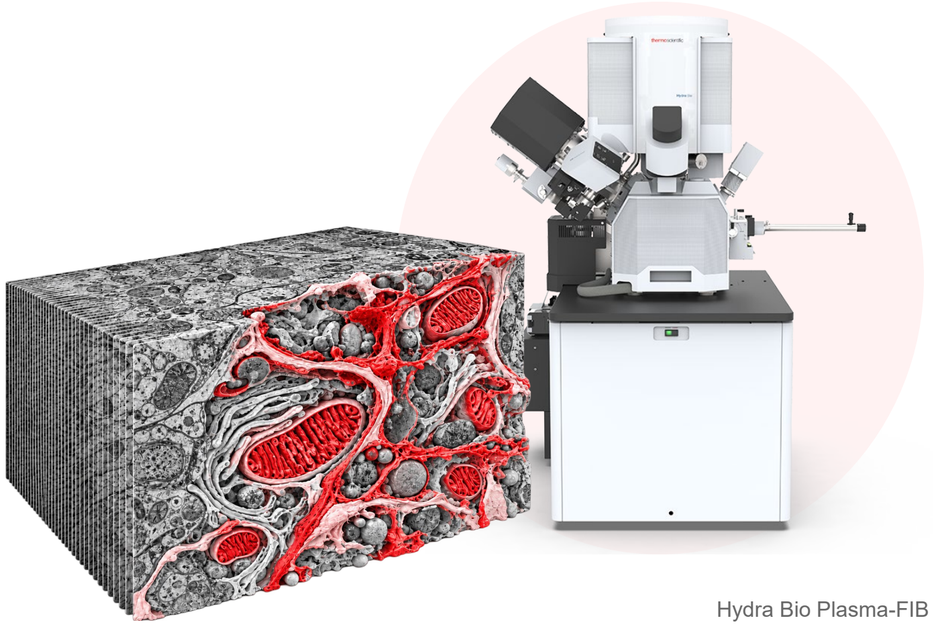
THE UNIVERSITY OF QUEENSLAND AUSTRALIA

TWO-DAY ADVANCED

Volume EM WORKSHOP

Volume electron microscopy

From resin ultrastructure to cryogenic cellular imaging



Hydra Bio Plasma-FIB

PROGRAMME HIGHLIGHTS

DAY 1 17 NOVEMBER

Resin-based volume EM

- SBF-SEM, array tomography and resin sample preparation
- AI-enhanced imaging, 3D reconstruction and segmentation

DAY 2 18 NOVEMBER

Cryogenic workflows

- Cryo-FIB, cryo-ET and correlative cryo microscopy
- Workflow demonstrations, tomogram reconstruction and analysis

17-18 NOVEMBER 2026

The University of Queensland

UQ St Lucia campus. ModWest
(Building 46 - Rooms 441/442)

SPEAKERS & PANELLISTS



Nicole Schieber
The University of Queensland



Shih-Ying Scott Cheng
Staff Scientist Thermo Fisher Scientific



Hui Dao
The University of Queensland



Nick Ariotti
The University of Queensland



Na'ama Koifman
The University of Queensland



Vikas Tillu
The University of Queensland

Draft programme. Speakers and demonstrations subject to confirmation.

Registration & full agenda

Scan the QR codes

Full agenda

Registration

vEM illustration; Hydra Bio photo: Thermo Fisher Scientific