

MAKING MICROSCOPY ACCESSIBLE

Microscopy Australia empowers research by providing access to the nation's largest range of high-end microscopes and specialists. Our open access policy means that researchers anywhere in the country can access microscopy facilities across our nine institutions. Our instruments have dedicated experts to deliver high quality training and support users in getting the best research outcomes.

Our website, micro.org.au, provides several tools for researchers interested in using our facilities. If you are not sure what kind of microscopy is relevant to your project, TechFi can help you decide which instrument is the best fit and where to find it. We blend online training through MyScope, group and one-to-one training so you can get great results on our instruments. MyScope is freely accessible with over 160,000 users worldwide in the last year alone. We also have advice on how to calculate costs and write microscopy into grant applications for ARC and NHMRC grants.

HOW MUCH?

Publicly funded researchers can use instruments at any of our facilities at a nominal rate typically between \$30-200 per hour



FIND THE RIGHT
INSTRUMENT



ONLINE MICROSCOPY
TRAINING

micro.org.au

FUNDED BY



PARTNER FACILITIES

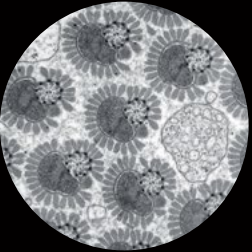


EQUIPMENT AND EXPERTISE



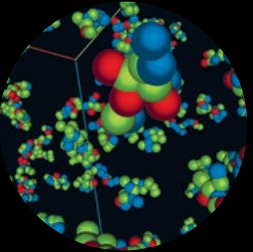
EXPERT STAFF

- Train new users
- Optimise instrument performance
- Develop new techniques
- Enable high quality data collection
- Support experienced users



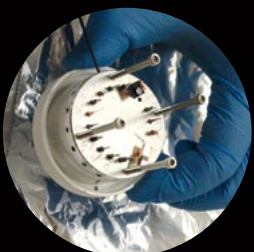
TRANSMISSION ELECTRON MICROSCOPY

- Imaging & Analytical Spectroscopy
- Cryo-techniques
- In-situ techniques
- Phase & Z-contrast Imaging
- Electron Diffraction



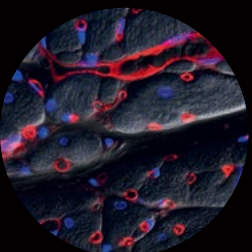
ION & SPECTROSCOPY PLATFORMS

- Secondary Ion Mass Spectroscopy
- Imaging Mass Spectroscopy
- Atom Probe
- LA-ICP-MS



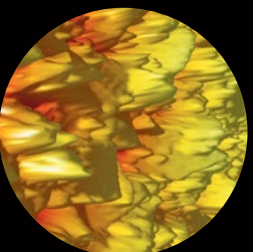
SPECIMEN PREPARATION

- Biological & Materials
- Cell Culturing & Molecular Preparation
- Thermomechanical Processing
- Ion Milling & Machining
- Ion Implantation



LIGHT & LASER TECHNIQUES

- Fluorescence, Confocal & Multiphoton Microscopy
- Super Resolution Microscopy
- Analytical Spectroscopy
- Flow Cytometry
- Laser Microdissection



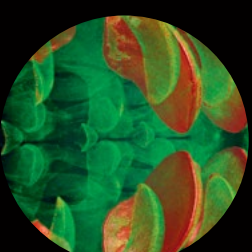
SCANNED PROBE TECHNIQUES

- Atomic Force Microscopy
- Scanning Probe Microscopy
- Near-field Scanning Optical Microscopy



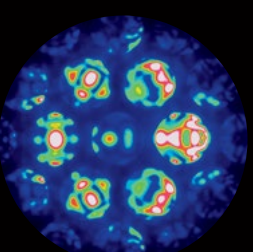
SCANNING ELECTRON MICROSCOPY

- Imaging & Analytical Spectroscopy
- In-situ Imaging & Testing
- Cathodoluminescence
- Electron Backscatter Diffraction



X-RAY TECHNOLOGIES

- X-ray Diffraction
- X-ray Fluorescence
- X-ray Micro-tomography



VISUALISATION & SIMULATION

- Computed Spectroscopy
- Computed Diffraction
- Image Simulation & Analysis
- Data Mining