



The Melbourne Centre for Nanofabrication is holding an industry-focused technical workshop.

23-25 July 2018

Pick and choose from three full days of seminars and practical sessions held at the Melbourne Centre for Nanofabrication (MCN), the headquarters of the Australian National Fabrication Facility's Victorian Node (ANFF-Vic) and the largest open-access cleanroom facility in the Southern Hemisphere.

Register your interest for MCN's micro/nanofabrication workshop.

- Select from a range of seminars and practical sessions held across three days
- · Aimed at all levels of ability
- Gain experience of micro/nanofabrication processes in an ISO 9001 certified and LEAN practicing cleanroom environment
- Networking opportunities
- Focused talks on industry relevant technologies and processes
- · Application driven content and practicals
- Learn from in-house experts and industry leaders

Key application areas: microfluidics, biomedical devices, metrology, photonics, photovoltaics, MEMS, semiconductors, drug delivery, flexible electronics, advanced manufacturing, novel coatings.

The capabilities and processes

Thin Film Deposition

- Atomic Layer Depositior Thermal/Electron Beam Evaporation
- Glovebox E
- Sputtering
- Electroplatin
- Plasma Enhanced CVD
- Diamond CVD

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- 3D Prin
- Prototyping
- CNC Subtractive Milling
- Wet and dry water dici
- Automated Wire Bonding
- Wedge and ball bonding

Lithograph



Focused Ion B

- Lithography
- Electron Beam Lithography
- Nano Imprint Lithography
- Hot Embossing
- PDMS Soft Lithography
- Direct Write Lithography
- Thermal Scanning Prob Lithography
- Photolithography
- Photomask Design/Printing

Etching

- Reactive Ion Etching
- Deep Reactive Ion Etchir
- Wet Chemical Etching



Characterisatio

- Confocal Microscopy Scanning Electronic Microscopy
- Atomic Force Microscopy
- Spectroscopic Ellipsometry
- Laser Doppler Vibrometry
- 3D Profilometry
- Laser TIRF System
- Zeta Potential and Particle
- Nanoarray Printing
- UV Vis Spectrophotometer
- Near Field Scanning IR/ SNOM

Help to make this workshop exactly what you want.

Please send this survey to mcn-events@nanomelbourne.com before 30 April 2018.

Please note: The price structure for this event will be confirmed following the collection of EOIs which will help to refine the scope and range of the activities offered.

Name:	Company:	
How many people from your company would be interested in attending?		
What sector does your company focus on?	Advanced manufacturing O Security O Energy/Resources O None of these (please specify):	Environment/Soil and Water Food/Agribusiness Medical technologies
Which areas would you like to gain hands on experience in the cleanroom?	Biocapabilities Lithography Thin Film Deposition Other (please specify):	Etching O Characterisation O Packaging O
Which areas would you like to learn about in the seminars and discussions?	Biocapabilities Lithography Thin Film Deposition Other (please specify): _	Etching O Characterisation O Packaging O

Get in touch to register interest or with any



Submit answers through







mcn-events@nanomelbourne.com

+61 3 9902 4073









