



The Australian National Fabrication Facility

Providing open access micro and nanofabrication capabilities to industry and academia



ANFF enables

+3,000 users

+230,000 usage hours

+600 publications



ANFF

The Australian National Fabrication Facility (ANFF) provides industry and academia with **open access to micro and nanofabrication capabilities and expertise.**

The network is an IP neutral environment.

The ANFF Network

Direct access

Expertise

Training

500+ capabilities

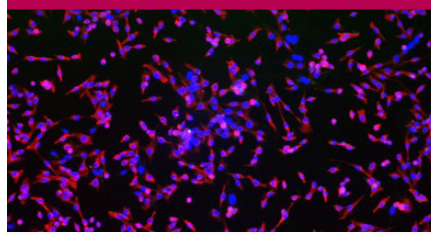
20 locations

8 nodes

Find us at anff.org.au or any of our member institutions:



Nanofabricated futures



A platform for stem cells

Users from across Australia harness ANFF's surface functionalisation capabilities to increase the efficiency of stem cell proliferation.

Credit: Neuromuscular Department, St Vincent's Hospital.



Superconducting diamond

A Unimelb team used ANFF equipment to demonstrate that doping diamond with boron can give it superconducting properties.

Image: Growing diamond at the MCN. Credit: Alastair Stacey



Rewriting the rulebook

University of Wollongong researchers have created a surgical pen that can provide in vivo 3D printing of cartilage cells.

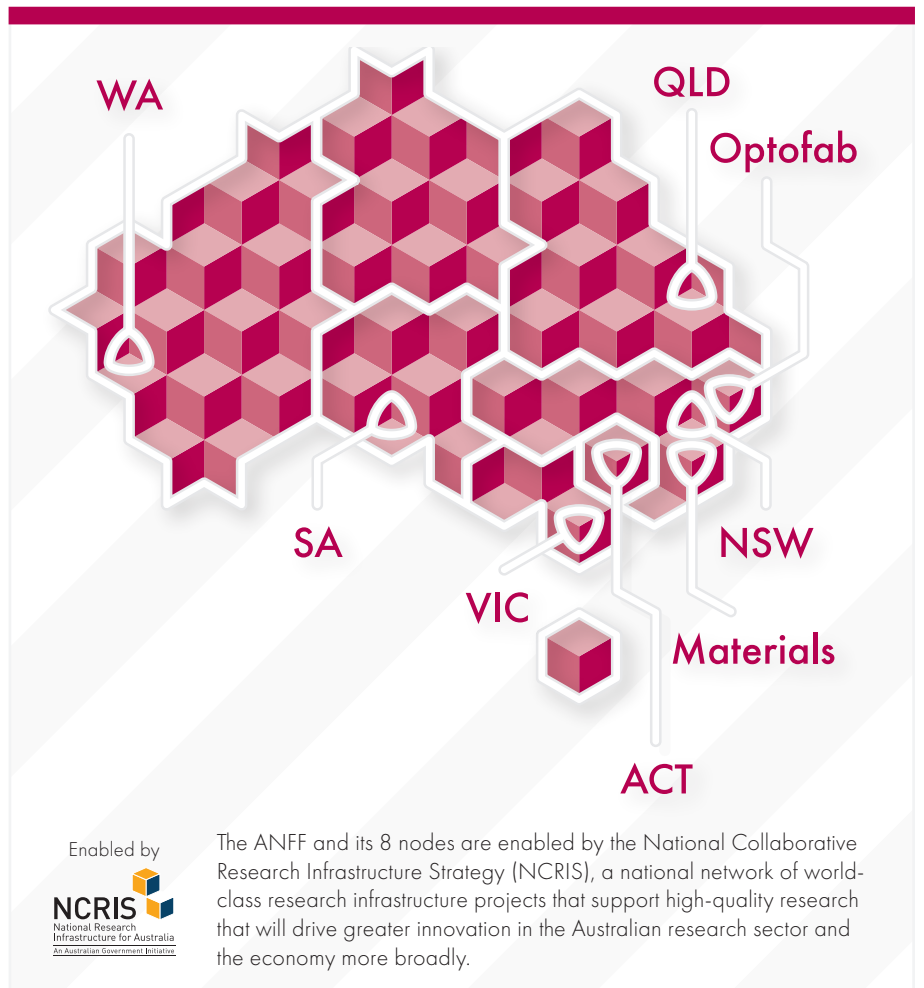
Image: Growing diamond at the MCN. Credit: Alastair Stacey



Atomically thin lenses

ANU engineers used ion beam milling to fabricate the thinnest optical lens the world has ever seen using just a few atomic layers of material.

Credit: ANU



Enabled by
NCRIS
 National Collaborative
 Research Infrastructure for Australia
 An Australian Government Initiative

The ANFF and its 8 nodes are enabled by the National Collaborative Research Infrastructure Strategy (NCRIS), a national network of world-class research infrastructure projects that support high-quality research that will drive greater innovation in the Australian research sector and the economy more broadly.