



Sydney Nanoscience Hub

Project Details

Client: University of Sydney
 Location: Sydney, Australia
 Approx. Value: \$90m
 Floor Area: 11 000 m²
 Completed: July, 2015

Contact

robert.ousey@architectus.com.au

Awards

Master Builders Association (NSW)
 Excellence in Construction Tertiary
 Buildings \$50m - \$100m 2015

The new Sydney Nanoscience Hub will promote research and innovation and contribute to the reputation of the University of Sydney's Physics School as the leading Physics school in Australia.

The Sydney Nanoscience Hub at the University of Sydney is a world class research and teaching facility. Designed to meet the demanding requirements of nanoscience research, the facility is the only building in Australia to house such an advanced research capability alongside comprehensive undergraduate and postgraduate teaching facilities.

The new facility integrates with the existing heritage Physics building and provides:

- High-performance electronics and optics laboratories
 - 700 m² cleanroom (ISO Class 5 and 7, upgradable to Class 4)
 - General laboratories for research
 - Teaching and learning spaces:
 - 300 person lecture theatre
 - Flexible, flat-floor learning studio
 - 2 x flat-floor seminar spaces
 - Video Conference (VC) facilities
 - Teaching laboratory
 - Informal student common space
- Workspaces include single-person, shared and open plan offices, meeting, breakout and café.
- Specialist research laboratories:
 - Precision metrology laboratories
 - Suite for 2 aberration corrected Transmission Electron Microscopes (TEM)