

THE AUSTRALIAN MICROSCOPY & MICROANALYSIS RESEARCH FACILITY

ENABLING WORLD CLASS RESEARCH



The AMMRF is a national grid of equipment, instrumentation and expertise that provides nanostructural characterisation capability and services. Widely used optical, electron, X-ray and ion-beam techniques are complimented by world-leading flagship platforms. These include pulsed-laser local-electrode atom probe, high-throughput cryo-TEM, high-resolution SEM and spectroscopy, as well as high-precision ion microprobes.

This world-class research infrastructure is accessible to all Australian publicly funded researchers on the basis of merit and a nominal fee schedule. Industry-based researchers can also access the facilities for proprietary research at commercial rates.

This collaborative facility enables discovery and innovation in fields from health-care to agriculture, engineering to archaeology.

Australia's current and emerging challenges, national research priorities and international trends inform our vision to meet current and future demands for advanced research infrastructure.

MAKING AN IMPACT

Powerful solutions to difficult problems are emerging from the Australian research community. From algal biofuels to innovative vaccine delivery solutions, these discoveries are enabled by the AMMRF nodes nationwide and our collaboration with industry innovators. For more information, download a copy of our annual Profile from ammrf.org.au



SOUTH AUSTRALIAN REGIONAL FACILITY (SARF)



Easy access with our
online tools and expert
guidance



ACCESS & SUPPORT

With our constant focus on improving access through training and efficiency, we are sharing our expertise through online tools.

Technique Finder

An online tool to help researchers like you identify the appropriate microscopy technique to answer your research questions and find the contact details of the relevant expert staff, who will guide you through the planning, training, data collection and interpretation stages of your experiment.

MyScope

This innovation in training for advanced research provides e-learning modules that help new users progress on our sophisticated instruments.

Integrating with traditional learning environments, each module has an interactive virtual instrument, step-by-step instructions and a range of additional resources. This provides a flexible, individual learning path that prepares trainees for intensive one-on-one instruction. Better prepared trainees will improve efficiency and access to the actual instruments in the AMMRF nodes.

MyScope is available 24/7 online, free of charge to everyone. It enhances the wide range of training opportunities offered by the AMMRF. Modules are being deployed in stages throughout 2011.

Your Project

After you contact the node that houses the instrumentation you require, your project is assessed by the node director and relevant technical staff. Assessment is based on scientific merit and feasibility, along with the availability of the instrument and associated technical expertise.

Once a project is approved, the instruments can be booked and training organised. Support from the expert academic and technical staff is always on hand.

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