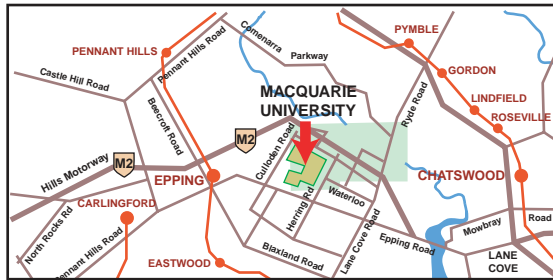


We are seeking new partnerships to assist in the development of foundational intellectual property for the growth and adoption of e-learning into all educational frameworks.

If you would like to discuss how MELCOE can work with you or understand more about our research agenda please review our website at www.melcoe.mq.edu.au or contact us via email on research@melcoe.mq.edu.au, by phone on 9850 7522, or visit us at 212D Macquarie University Library.



www.melcoe.mq.edu.au

AUSTRALIA'S INNOVATIVE UNIVERSITY



MACQUARIE E-LEARNING CENTRE OF EXCELLENCE

An international leader in research, development and implementation of e-learning architectures and infrastructure using open standards.

www.melcoe.mq.edu.au

Macquarie University's E-learning Centre of Excellence (MELCOE) is an international focal point for e-learning infrastructure and standards development. The Centre will consolidate Macquarie University's position at the leading edge of best practice in e-learning. MELCOE is a recognised leader in implementing global standards and specifications for learning technology.

Through collaborations with educational organisations, government and commercial partners, MELCOE fosters the adoption of the next generation of distributed e-learning and information systems. MELCOE's unique approach fosters innovation and creativity in e-learning software development driven by open standards.



MELCOE recognises that no one e-learning system can do everything. The central challenge ahead is unifying different learning technologies within a common framework.

The MELCOE team consists of leading academic researchers and technical specialists in e-learning systems integration. Their focus is on implementing the infrastructure necessary to power the next stage of e-learning for universities, schools, vocational education and corporate training. Through the creation of testbeds and prototypes, MELCOE provides "proof of concept" demonstrations. These demonstrations can support external researchers who wish to evaluate the impact of the latest learning technologies on teachers and students.

MELCOE is the home of the internationally acclaimed "COLIS" project, which demonstrates standards-based integration of a Learning Object Trading Exchange, a Learning Object Repository, a Federated Search Gateway, a Learning Management System, and Portal/Single-Sign-On/Directory services.

MELCOE has a project focus, collaborating on research and development with public and private sector partners to solve complex e-learning problems. Whether for open source software or commercial products, MELCOE is committed to using open standards and specifications to ensure interoperability between systems.



The outcomes of standards-based projects are contributed to international development efforts such as IMS Global Learning Consortium.

Current areas of interest include:

- ❖ Learning Objects
- ❖ Digital Repositories
- ❖ Digital Rights Management for Education
- ❖ Learning Design
- ❖ Federated Access and Identity Management