

ACE2009

in cooperation with



The Eleventh Australasian Computing Education Conference

Wellington, New Zealand from Jan 20 - Jan 23, 2009.

http://www.cs.rmit.edu.au/conf/ace_2009/ACE2009.php

The **Eleventh Australasian Computing Education Conference (ACE2009)** is a conference on research and innovation in computing education in its various aspects, at all levels and in all contexts. ACE2009 is the only Australasian conference devoted entirely to education in computer science, information systems, software engineering and information technology. ACE2009 is held in conjunction with Australasian Computer Science Week 2009 (ACSW 2009). ACSW 2009 arranges the venues and registrations for all ACSW 2009 conferences.



Important Dates

Sunday 7th September 2008: Submission Deadline

Monday 3rd November 2008: Notification of Acceptance

Monday 24th November 2008: Camera-ready Copy and Author Registration

Call for Papers for ACE2009

Topics of interest for the conference include, but are not limited to: the use of technology in education, course content, curriculum structure, methods of assessment, mobile, flexible, online learning, and evaluations of alternative approaches.

These innovations may be in the context of formal courses or self-directed learning; they may involve, for example, introductory programming, service courses, specialist undergraduate or postgraduate topics, industry-related short courses. We welcome submissions directed at issues of current and local importance, as well as topics of international interest. Such topics may include transition from school to university, articulation between vocational and university education, quality management in teaching, teaching people from other cultures, attracting and retaining female students, online, mobile and blended learning.

The Program Committee will select the papers to appear based on their potential to enhance learning outcomes in computing courses. All papers will be fully refereed using a double blind reviewing process. Papers must be between 4 and 10 pages long. For detailed instructions on the required format, see the Guidelines for authors on conference web site, at the above URL. ACE2009 proceedings will be published through the [Australian Computer Society](#) in the [Conferences in Research and Practice in Information Technology \(CRPIT\)](#) series.

Submission of papers will be managed through EasyChair, <http://www.easychair.org/conferences/?conf=ace2009>, a comprehensive conference paper management system. First create your own account there and then login and follow the prompts to submit your anonymous paper for double blind reviewing. If there are any issues with submission, please email ACE2009@rmit.edu.au.

ACE2009: Program Committee

Margaret Hamilton, RMIT University, Australia (senior co-chair)
Tony Clear, Auckland University of Technology, New Zealand (co-chair)

Alison Young, Unitec, New Zealand
Angela Carbone, Monash University, Australia
Anthony Robins, University of Otago, New Zealand
John Hamer, Auckland University, New Zealand
Josh Tenenberg, University of Washington, USA
Judy Kay, University of Sydney, Australia

Judy Sheard, Monash University, Australia
Mats Daniels, Uppsala University, Sweden
Michael de Raadt, U. of Southern Queensland, Australia
Raymond Lister, U. of Technology Sydney, Australia
Sally Fincher, University of Kent, UK
Simon, University of Newcastle, Australia.

ACE2009: Keynote

Mark Guzdial will be the keynote speaker for the eleventh Australasian Computing Education Conference.

Prof Mark Guzdial, from Georgia Tech, is the inventor of the Media Computation approach to learning introductory computing, which uses contextualized computing education to attract and retain students. He is currently vice-chair of the ACM Education Board and was the original developer of the CoWeb (or Swiki), which is now one of the most widely used Wiki engines in Universities around the world. He developed Emile, an environment for high school science learners programming multimedia demonstrations and physics simulations.



ACE2009: Pre-Conference Workshop

Contextualized Approaches to Computing Education

Sunday 18 and Monday 19 January, 2009

Presenters: Barbara Ericson and Mark Guzdial

This workshop will present participants with some contextualized approaches to computing education, particularly emphasizing media – image, sound, video, websites. Research results will be presented on several different contextualized approaches, including media computation, robotics for CS1, and engineering approaches to CS1. The workshop aims to introduce media computation, python, Alice and develop a better understanding of the importance of context. This introduction to media computation also aims to define the Australasian context, to apply media computation to changing computing contexts and consider applications for research with lots of discussion.

ACE2009: Post-Conference Workshop

BRACElet Workshop

As happened with ACE2008, a BRACElet workshop will follow ACE2009. BRACElet is a multi-institutional research study of how novice programmers comprehend and write computer programs. While it is research project, BRACElet remains close to educational practice, with much of the data analysed coming from exam papers sat by first year undergraduates at the participating universities.

Further information available at ACE2009 website:
http://www.cs.rmit.edu.au/conf/ace_2009/ACE2009.php, or
by emailing ACE2009@rmit.edu.au.