Proceedings of the Twenty Second Annual Conference of the National Advisory Committee on Computing Qualifications

edited by

Dr Samuel Mann

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NACCQ

The National Advisory Committee on Computing Qualifications (NACCQ) was formed in 1988, and provides help and support to member institutions in the development, teaching and quality assurance of courses and programmes, from certificate through degree to postgraduate levels, in the field of Computing and Information Technology. The NACCQ also supports academic staff in several different ways, such as national workshops, research seminars, APL, moderation, the publishing of a journal, a research bulletin and also by organising this annual conference. NACCQ activities and a digital version of these proceedings are available from http://www.naccq.ac.nz

The philosophy of the conference is the encouragement and support of new, emerging and established researchers in a safe environment while encouraging excellence and academic discourse.

Reviewers

Frina Alertyn	Eastern Institute of Technology
David Bremer	Otago Polytechnic
Noel Bridgeman	Unitec New Zealand
Tony Clear	Auckland University of Technology
Steve Corich	Eastern Institute of Technology
Bob Gibbons	Manukau Institue of Technology
Xiaosong Li	Unitec New Zealand
Mike Lopez	Manukau Institue of Technology
Dobrila Lopez	Manukau Institue of Technology
Trevor Nesbit	University of Canterbury
Gerry McCullough	Open Polytechnic
Krassie Petrova	Auckland University of Technology
Karen Phillips	Bay of Plenty Polytechnic
Garry Roberton	Waikato Institute of Technology
Lesley Smith	Otago Polytechnic
Jacqueline Whalley	Auckland University of Technology
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Theme

The theme of our conference is "Education, Innovation and Transformation – Educators in IT"

This theme looks at the how we as computing educators in the tertiary sector can further enhance the experience of the students we educate as they move from secondary school through tertiary education and throughout a career in the IT industry. The theme also recognises the need for innovation as a key to transformation that will helps us prepare our students for employment in the 21st century.

The conference contains papers in the following areas:
♦ computing education
♦ computing practice
♦ computing research

Full papers: (Quality assured)

Full papers are double blind peer refereed on submission by a review panel and accepted/modified/rejected. The editorial panel reviews final versions. They may be rejected or returned for modification at that point. 42% of submitted papers were accepted for publication.

Snapshot:

A section of briefing papers and abstracts have not been peer reviewed. These papers provide background material for special sessions.

Poster papers:

A 915*600mm poster is displayed at the conference along with one page in the proceedings. Research primarily carried out by students is identified with an NACCQ Capstone Research logo.

Online

This conference proceedings, along with those from recent years, can be found online at www.naccq.ac.nz

The cover image is from Craig Scott.