

## > Context

The use of computers in automated assessment is increasingly prevalent in modern Higher Education.

The reasons for this are many and include:

- Managing increasing student numbers of wide diversity
- Supporting the model of student centred learning
- Exploiting the global education market
- Enhancing the quality of learning and teaching
- Improving access to I.T. systems and networks
- Utilising user friendly assessment software

## > Purpose of the Conference

The 8th International CAA Conference addresses a wide range of issues surrounding CAA including:

- International approaches
- National initiatives
- Results and reporting
- Integration
- Software
- Test and question design
- Innovation in CAA
- Interoperability and Standards
- Automated Assessment of Free Text
- Accessibility Issues

## > Who should attend?

The conference will be of interest to anyone actively practising, developing, or considering uptake of CAA for Higher Education. Whether you are an experienced CAA enthusiast, an academic interested in adopting CAA, or a manager looking for ways of improving teaching and assessment at your institution, this conference has something to offer.

## > The Venue

Burleigh Court International Conference Centre is a purpose-built development set in landscaped gardens on campus. State-of-the-art conference and training facilities are provided and high quality en-suite residential accommodation is available. High standards of catering and conference management are provided to a wide range of corporate and international clients. The Burleigh Springs leisure club is open to all guests and comprises of a 15 metre swimming pool, whirlpool spa, sauna, solarium and fully equipped fitness room.

<http://www.welcometoimago.com>

**imago** at  
burleigh court

## > Location

Loughborough University is easy to reach:

- By road:** From M1 Junction 23 or the A6, follow signs to the University.
- By rail:** 90 minutes from London St. Pancras, 10 minutes by taxi from the station.
- By air:** 8 miles from Nottingham East Midlands Airport, approx. 45 minutes drive from Birmingham Airport and approx. 1½ hours from Luton Airport.



# Ninth International Computer Assisted Assessment (CAA) Conference

*5th - 6th July 2005*

**A Two-Day Conference for Developers  
and Practitioners of CAA in Higher Education**

**Conference web site**

<http://www.caaconference.com/>

**Text only version available**

**Organised by Professional Development  
Loughborough University**

<http://www.lboro.ac.uk/service/pd/>

**imago at Burleigh Court**

<http://www.welcometoimago.com>



## ► Programme (Subject to Change)

### ► Day 1: 5th July 2005

**09.00** Registration and Coffee

**09.30** Introduction and Welcome

Andy Wilson, Director of Professional Development, Loughborough University

Myles Danson, Conference Director

**09.40** Day 1 Key Note Address

DERWENT Testing Triage: Greater Assessment Effectiveness at Lower Cost

Sharon Shrock and William Coscarelli

**10.25** Parallel Papers

Either

DERWENT A: Short Paper Session

a1: The Design of Multimedia Assessment Objects

Gavin Sim, Stephanie Strong and Phil Holifield

a2: A Personal Agenda for E-Assessment Research

Andrew Boyle

a3: The Continual Assessment of Confidence or Knowledge with Hidden MCQ?

Phil Davies

a4: Aggregating Assessment Tools in a Service Oriented Architecture

Will M. Davies, Hugh C. Davis and Niall Sclater

a5: Issues in Question Design within a National High-Stakes Programme

Susan C. Woodger, Helen S. Ashton and Cliff E. Beevers

Or

AVON B: Long Paper Session

b1: Drivers and Barriers to the Adoption of Computer Assisted Assessment for UK Awarding Bodies

Geoff Chapman

b2: A Checklist for Inclusive Assessment: Getting Started with Accessibility

Dr Simon Ball

b3: The PePCAA Project: Formative Scenario-Based CAA in Psychology for Teachers

Victoria Crisp and Christine Ward

Or

SWIFT C: Commercial Presentations

c1: Higher Education Academy

c2: Question Mark Computing

c3: Thomson Prometric

c4: Scottish Qualifications Authority

c5: University of Cambridge Local Examinations Syndicate

**12.55** Lunch

**14.00** Parallel Papers

Either

DERWENT D: Short Paper Session

d1: Weighting for Computerized Peer-Assessment to be Accepted

Phil Davies

d2: The Development of a Fraction Testing and Tutoring System

Qingping He and Paul Brna

d3: Foiling the Free Riders: Early Experience with Compulsory Peer Assessment at an Online Business School

Dr Jeremy B. Williams

Or

AVON E: Short Paper Session

e1: Automated Feedback for a Computer-Adaptive Test: A Case Study

M. Lilley, T. Barker and C. Britton

e2: Assessment of A-Priori and Dynamic Extended Learner Profiling for Accommodative Learning

Allan J. Pellow, Elaine M. Smith, Barry J. Beggs and Hernando L. Fernandez-Canque

e3: Degrees of Incorrectness in Computer Adaptive Language Testing

Tsopanoglou, A., Ypsilandis, G.S. and Mouti, A.

Or

SWIFT F: Long Paper Session

f1: Sophisticated Tasks in E-Assessment: What are they? And what are their benefits?

Andrew Boyle

f2: Evaluation of the Scottish Pass-IT Assessment Project

Gráinne Conole

**15.30** Coffee

**16.00** Parallel Papers

Either

DERWENT G: Long Paper Session

g1: Cost Effective use of Simulations in Online Assessment

Ruth Thomas, Helen Ashton, Bill Austin, Cliff Beevers, Dave Edwards and Colin Milligan

g2: Questionbank: Computer Supported Self-Questioning

Silvester Draaijer and Jaap Boter

Or

AVON H: Long Paper Session

h1: Evaluation of Computing Students Performance using Group Based Learning Online and Offline

Martina A. Doolan and Trevor Barker

h2: Online Assessment for University Admission: Goals, Problems, and Experience

Volker Turau, Dietrich Fahrenholtz and Marcus Venzke

Or

SWIFT I: Long Paper Session

i1: Using Evaluation to Inform the Development of a User-Focused Assessment Engine

Gráinne Conole and Niall Sclater

i2: Whither E-Assessment?

Bill Warburton and Gráinne Conole

**17.30** Close

**19.30** Conference Dinner and Casino sponsored by Questionmark Computing

The conference dinner is at Burleigh Court followed by the now infamous CAA Conference Casino

### ► Day 2: 6th July 2005

**09.00** Parallel Papers

Either

DERWENT J: Short Paper Session

j1: The Maths Itembanking Project: A Work in Progress

Mhairi McAlpine and Martyn Ware

j2: “Well Nobody Reads Learning Outcomes Do They?” - An Evaluation of CAA and its Feedback on Directed Student Learning

Sophie Brettell, Justin Durham and Steve McHanwell

j3: Discriminative Marking of Numeric Problems

Richard A. Bacon

Or

AVON K: Long Paper Session

k1: A Comparison of Blackboard CAA and an Innovative Self Assessment Tool for Formative Assessment

Graham Farrell, Vivienne Farrell and Ying K Leung

k2: Diagram Matching for Human-Computer Collaborative Assessment

Christos Tselonis, John Sargeant and Mary McGee Wood

Or

SWIFT L: Short Paper Session

l1: Using PDAs for CAA: Practicalities, Disasters, Apathy

Jon Trinder, Scott Roy and Jane Magill

l2: The Problem of the Saltatory Cut-Score: Some Issues and Recommendations for Applying the Angoff to Test Item Banks

William Coscarelli, Andrew Barrett, John Kleeman and Sharon Shrock

l3: Conceptualising Item Banks

Niall Sclater

**10.30** Coffee

**11.00** JISC Session Parallel Presentations

Building on JISC Activities in Developing a Roadmap for E-Assessment for the Future

Either

DERWENT M: Changes in Pedagogical Approaches

m1: Re-Thinking Technology-Supported Assessment Practices in Relation to the Development of Self-Regulated Learning

David Nicol and Jim Boyle

m2: Consultation session

Case studies of effective and innovative practice

Sarah Knight

Or

AVON N: Emerging technical requirements

n1: FREMA - Developing an e-Assessment Reference Model

Yvonne Howard

n2: Consultation session

e-Assessment Glossary

Malcolm Batchelor

Or

SWIFT O: Tools for e-assessment

o1: Assis - Facilitating next generation learning experiences

Robert Sherratt and Steve Jeyes

and: TOIA Update Jalshan Sabir

o2: Consultation session

Building a roadmap for e-assessment Helen Beetham

**12.30** Lunch

**13.30** P: JISC Discussion Session

DERWENT Challenges and opportunities for embedding e-assessment in Lifelong Learning

Amanda Black–Becta, Niall Sclater–University of Strathclyde, Paul Bailey–JISC

Eddie Gulc–Higher Education Academy, Alika Gupta–QCA, Andy Wilson–Loughborough University (Panel facilitator)

**14.15** Parallel Papers

Either

DERWENT Q: Short Paper Session

q1: What Students Really Say

Mary McGee Wood, John Sargeant and Craig Jones

Or

AVON R: Short Paper Session

r1: The SPRInTA Project: Supporting Student Assessment through a Portal

Nicola Bryan and Guinevere Glasfurd-Brown

Or

SWIFT S: Short Paper Session

s1: A Technical Perspective on ASAP - Automated System for Assessment of Programming

Christopher Douce, David Livingstone, James Orwell, Steve Grindle and Justin Cobb

**14.45**

**15.15** Coffee

Parallel Papers

Either

DERWENT T: Long Paper Session

t1: Criterion<sup>SM</sup> Online Writing Evaluation - a Web-Based Service for Real-Time Evaluation of English-Writing Skills, Providing Instant Diagnostic Feedback and Scoring

Ian Lucas

t2: Recent Developments in Setting and using Objective Tests in Mathematics using QM Perception

Nabamallika Baruah, Edward Ellis, Mundeep Gill and Martin Greenhow

Or

AVON U: Long Paper Session

u1: Investigating Gender Bias in Formative and Summative CAA

Karen Fill and Dr Sally Brailsford

u2: Adapting the Automatic Assessment of Free-Text Answers to the Students

Diana Pérez and Enrique Alfonseca

Or

SWIFT V: Long Paper Session

v1: Parameters Driving Effectiveness of Automated Essay Scoring with LSA

Fridolin Wild, Christina Stahl, Gerald Stermsek and Gustaf Neumann

v2: Defining the Infrastructure for a National Item Bank Service

Niall Sclater, Eddie Boyle, Joanna Bull, Clive Church, Patrick Craven,

Rowin Cross, Myles Danson, Leah Halliday, Ian Howie, John X. Kelly, Steve Lay,

Moirá Massey, Mhairi McAlpine, Diane McDonald, Mary MacDonald,

Steve Rogers and Su White

**16.45** Closing Note, Champagne Draw

## ► Fee

Two day Full Residential delegate

**£450**

Includes all refreshments and lunch on 5th and 6th July 2005, dinner on 5th July, evening social event on 5th July and accommodation on the evening of the 5th

Two day Non-Residential delegate

**£345**

Includes all refreshments, lunch on 5th and 6th July 2005

One day delegate

**£190**

Includes all refreshments and lunch on either day

## ► How to Register

Registration this year is on-line only

Open the Conference web site: <http://www.caaconference.com/>

then click the **Registration Button**

Complete and submit a form for **each** person wishing to register as a delegate. You will receive an e-mail receipt of your application. We will then send an Invoice to the address provided.

Cancellations received in writing before 3rd June 2005 will result in a 25% refund of fees paid. No refunds after this date.

Registration Deadline 30th June 2005

Early registration is strongly recommended as the Conference is usually over subscribed.

## ► Enquiries

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