DRAFT - ECAWA 2010 State Conference Presenters and Presentations

Professor Sasha Barab
Indiana University

Videogames and Transformational Play: Learning in the 21st Century
In this talk, Sasha will discuss a design methodology that he has used to support powerful learning and engagement to foster a sense of dramatic agency as part of the learning experience. More than a theoretical discussion, he will ground these ideas in his work on the Quest Atlantis project where he has designed numerous curricular designs to support transformational play in which players take on the role of scientists, reporters, accountants, etc. who use academic content to resolve problematic fictional storylines that unfold in virtual worlds. Sasha Barab will present a keynote address followed by two concurrent workshops that will further explore the themes and ideas of the address.

About the Presenter
Sasha Barab is a Professor in Learning Sciences, IST and Cognitive Science at Indiana University. He also holds the Barbara Jacobs Chair of Education and Technology. His research has resulted in numerous grants, dozens of academic articles, and multiple chapters in edited books, which investigate knowing and learning in its material, social, and cultural context. His current work involves the research and development of rich learning environments, frequently with the aid of technology, that are designed to assist children in developing their sense of purpose as individuals, as members of their communities, and as knowledgeable citizens of the world.

Tomaz Lasic
Moodle Pty Ltd

Moodle 2.0 Sandpit
Moodle 2.0 Sandpit will be hands-on session for all participants to explore the long awaited Moodle 2.0 version. Participants will get to play in a realistic demo school and explore, generate and share ideas how Moodle could be used well in virtually any setting where people learn.

About the Presenter
S&E Teacher of 10 years with DET, ICT Integrator, blogger and since 2010 Educational Researcher at Moodle Headquarters here in Perth

Russell Hammond
Scitech ICT Program Coordinator

Scitech Technology Program
Catering to students in Years 8-10, Scitech's Technology program motivates, encourages and inspires students in technology and new media. Using state-of-the-art learning tools to develop and complete tasks, students gain an insight about the importance of technoliteracy in their future careers. Come and get some tips on using technology for learning and have a taste of the Robotics and New Media modules to see which would best suit your students.

Russell Hammond
Scitech ICT Program Coordinator

Hands on Robotics and New Media – at the Scitech Techno Truck
Meet Russell Hammond at the Scitech Techno Truck at the beginning of any of the concurrent timeslots. Russell will run workshops throughout both days of the Conference.

Moira Curtin
ICT Teacher, St Emilie's Catholic Primary School

Let's Animate
The humble animated clay figure is now the recipient of an Oscar. Learn how to create claymations and integrate them into your programs. Your students are guaranteed to be totally involved, enthused and engrossed in their learning.

About the Presenter
Moira has taught in Primary School classrooms for many years and is presently employed as an ICT specialist teacher. She also worked for the Catholic Education Office as an ICT consultant and has a special interest in integrating ICT into teaching and learning at the Primary School level.

Martin Cooper
Researcher, Center for Schooling and Learning Technologies, Edith Cowan University

ICT Leadership
Martin's presentation will discuss the role of a curriculum coordinator in the integration of Information and Communication Technologies (ICT) into primary schools. Martin will focus on explaining how the nature and impact of the role was examined in seven primary schools in Australia. These seven schools were drawn from a large-scale longitudinal intervention that provided additional ICT related resources including hardware, software, networking, and personnel to the schools. A scale, referred to as the Learning Outcomes and Pedagogy Attributes (LOPA) measure, was developed and charted for the seven schools over the five-year data collection period. The changes in LOPA score over time were then analysed in terms of the conditions at the school with regard to school leadership and ICT integration. The conclusions from this study will be revealed at the presentation!

About the Presenter
Martin is currently working as a post-doctoral scholar with the Centre for Schooling and Learning Technologies at Edith Cowan University. Prior to this he worked for 5 years at Curtin University as a lecturer in the Faculty of Education and as a researcher with the National Drug Research Institute.

Currently Martin is working as part of a team on several research projects including an Australian Research Council funded project in cooperation with the WA Curriculum Council investigating digital summative assessment for year 12 courses. Prior to working at a university Martin was a Mathematics teacher in Western Australia.

Robin Hutton
Technology Teacher, Clarkson Senior High School. Current ECAWA President.

Using Moviemaker to create short presentations for primary or secondary classes.

Lisa Gallin-Napier
Grade 2 Teacher and ICT Key Teacher, St Joseph's Catholic Primary School

Blogging in the primary classroom

About the Presenter
Lisa has been teaching in primary schools for 11 years and, this year, began a class blog with her Year 2 students (http://thesmarties2.blogspot.com).

Paul Reid
Business Development Manager, Winthrop Australia

5 simple steps to launch a parent-funded 1 to 1 mobile technology programme

SalliAnne Griffith
Overnewton Anglican Community College

One tool, many tales
Using MS PowerPoint as a creative tool, students in Early Years classrooms build animated, digital stories. Using this program students create their own characters, scenery and storyline. They make use of custom animation, timing and numerous other features of the program to produce outstanding animations and cartoons; some with dialogue and sound effects. This project is especially valuable for visual learners and reluctant writers.

You will be delighted by the stories you will see, which have been created by students from Years Prep-4. In this workshop session participants will create their own.
The workshop assumes a basic knowledge of PowerPoint but this is not essential.

About the Presenter
Experienced Early Years classroom teacher with a penchant for giving Prep to Year 7 students the opportunity to make individual creative use of computers to develop their own stories.

Brett Clarke
Founder and Director, yearn2learn.org – a division of ExternalEyes

ICT Infrastructureless schools

Jeremy Pagram
Senior Lecturer, Centre for Schooling and Learning Technologies, Edith Cowan University

One Laptop per Child: WA vs Asian Experiences
One Laptop per Child has been running in Australia for 18 months. This presentation looks at the types of schools both within WA and Thailand from the point of view of deployment and issues faced. A number of XO laptops will be available for participants to play with.

Paul Newhouse

Director, Centre for Schooling and Learning Technologies, Edith Cowan University

Digital forms of assessment: AIT Exam discussion

Valerie Maxville
Education Program Leader at iVec in Technology Park

iVEC, 'The hub of advanced computing in Western Australia'

Olivia Clark
Senior Project Manager at Education Services Australia

Teaching and learning with digital content and tools:
What's happening in Australia?

For the last ten years Education Services Australia (ESA) has been charged with building, acquiring and distributing digital curriculum content, tools and infrastructure to support Australian schools for the 21st century. ESA, established in March this year, is a merger of Curriculum Corporation and education.au and incorporates The Learning Federation (TLF) initiative. Currently there are more than 12000 items of quality assured digital content, tools and support materials freely available for teaching and learning, along with specialised tools to support online professional learning and collaboration. This presentation will showcase some of the latest developments, show how these align to the requirements of the new Australian Curriculum and outline what we are learning about effective use of digital materials in new learning environments.

About the Presenter

Dr Olivia Clarke is a Senior Project Manager at Education Services Australia. Her role is to support education jurisdictions and sectors throughout Australia as they seek to integrate digital curriculum content and tools into their educational programmes. Olivia's doctoral studies focused on a comparative study of new multimedia environments for teaching and learning in Schools in California and Victoria. She has been Curriculum Coordinator at PLC, Melbourne and a teacher of History and Indonesian language.

Mr Gregg Boalch
Australian Computer Society

ICT Careers for Your Students

Olivia Clarke

In this hands-on workshop explore digital content and tools freely available to WA schools and teacher education institutions from ESA. Discover interactive learning objects, film clips, images, themed collections relating to Australian curriculum learning areas, teaching units and teacher reflections on practice, and specialised tools relevant to your curriculum focus for integrating into challenging and engaging learning activities for students.

Kim Flintoff
Lecturer, Instructional Design: Centre for eLearning, Curtin University

Using blended learning to support practical classes
More and more classes in practical areas are trying to best utilise available time during face-to-face and studio/workshop sessions. In order to extend student engagement with theoretical and reflective aspects it is possible to draw upon the ubiquitous forms of online discussion forum, blog, wiki and reflective journal. Effective use of these tools can foster the development of personal learning networks for students, provide a platform for engagement beyond class time and extend students with rich reflective activities that incorporate a critical engagement with theoretical perspectives in a discipline.

About the Presenter
Kim is a theatre practitioner turned drama teacher turned "edupunk" and advocate for technology-mediated education and arts. He's been co-chair of the IDEA (International Drama/Theatre and Education Association) SIG for Drama and New Media since 2001. Kim continues to investigate the nexus between drama, education and virtual worlds. He's taught in K-12 and tertiary contexts, teaching Contemporary Performance, Interdisciplinary Practice, Primary and Secondary Drama and Cultural History and Theory at ECU and Drama as Social Action, Drama for Community Cultural Development, Process Drama and Studies in Directing for Queensland University of Technology.

Kim has developed an online module in research education for the Australian Technologies Network of Universities and has also worked with the innovative IT team at Presbyterian Ladies College and recently accepted an offer to work in Instructional Design for Curtin University's Centre for eLearning. Kim wants to keep growing his understanding and engagement with internet culture and continue to share his work with students and colleagues. His research interests tend to revolve around the nexus between Drama, Education and Technology. Master of Education thesis "Drama and Technology: teacher attitudes and perceptions." Current PhD research "Developing digital games-based process drama as performance" - working in 3D virtual worlds to explore the processes of facilitating and designing role played scenarios for learning.

Hall Jackson
KEEPAD Interactive

Free and open source programs for every learning area
This workshop will showcase a range of free (as in beer) and Open Source (as in freedom) programs and tools that you can give to staff and students to augment the commercial software around the school. For those on the SOE it will give you a taste of what's on the other side and what to push for via the department.

About the Presenter
Primary Trained Teacher, Grad Dip in interactive Multimedia Technology. LT co ordinator at a DHS for 3 years, taught in London for two years and Japan for one.
Currently work for Keepad Interactive as a school consultant.

Paul Reid
Winthrop Australia

Apple Mobile Technologies - MacBook, iPad, iPhone and iPod touch for teaching and learning

Lyn Sampson
Western Australian Curriculum Council
Applied Information Technology; 2009 Standards Guide Stage 2

The standards guide provides detailed information to teachers about the 2009 AIT Stage 2 WACE examination.

The standards guide includes the examination questions and associated marking keys and a detailed statistical profile of each question, section and the external examination paper including how questions were marked and whether individual questions proved easy or difficult for candidates. The guide also includes annotated candidate responses for each question provides examples of 'excellent' and 'satisfactory' performances.

The presentation will review the AIT Stage 2 standards guide and explore strategies for their effective use by teachers and students.

Robin Hutton
Using Photoshop across the curriculum

Moira Curtain
ICT Teacher, St Emilie's Catholic Primary School

Publishing beyond Powerpoint
As a Primary classroom teacher have you ever wondered what are some effective ways of using ICT to publish your students' work? This session will look at an overview of publishing using Cartoon Creator, Voice Thread, Podcasts, Animations and Wikis.

About the Presenter
Moira has taught in Primary School classrooms for many years and is presently employed as an ICT specialist teacher. She also worked for the Catholic Education Office as an ICT consultant and has a special interest in integrating ICT into teaching and learning at the Primary School level.

Jenny Jongste
Curriculum Consultant ICT, Catholic Education Office of WA

iPad for work and play
Ipads are the newest and most fashionable gadget on the market at the moment. In this workshop you can explore how to make your ipad work for you in classroom and as an extremely useful, portable, productivity device. Explore and critically analyse the positives and negatives of the iPad.

We will review a number of apps for education and general apps to fully extend the potential of the iPad beyond that of a media consumption device.
Full details will be available on http://jenjongste.id.au/

About the Presenter

Jenny Jongste has taught in a variety of primary schools around WA. She worked in the Catholic Education Office as Science Consultant from 1993-1995, then she completed ECE training and worked in Early Childhood settings for a number of years.

Jenny has worked as ICT coordinator at a number of schools She was a part-time lecturer and sessional tutor at Notre Dame University WA for 7 years.

Currently Jenny is the ICT consultant for the Catholic Education Office of WA and is passionate about encouraging teachers to integrate ICT into all aspects of teaching and learning.

Brett Clarke
Presentation 2

Ian Gaynor
Western Australian Curriculum Council

Standards Guides: 2009 Applied Information Technology Stage 3 External WACE Examination
The standards guide provides detailed information to teachers about the 2009 AIT Stage 3 WACE examination.

The standards guide includes the examination questions and associated marking keys and a detailed statistical profile of each question, section and the external examination paper including how questions were marked and whether individual questions proved easy or difficult for candidates. The guide also includes annotated candidate responses for each question provides examples of 'excellent' and 'satisfactory' performances.

This presentation will review the Applied Information Technology; 2009 Standards Guide Stage 3 and explore strategies for their effective use by teachers and students.

Brendon Wade
Principal, Kukerin Primary School

Using Sony Acid for music composition
Using Music Software such as Acid XPress, Audacity and Garage Band can be highly valuable tools for enhancing student learning in Music. It can engage students and increase motivation while bringing the learning of Music Skills into the 21st Century. This session will be 'hands-on' and take you through some of the tools you can use within Acid and some ways in which these link to traditional music outcomes that we teach to our students.

About the Presenter
Brendon is currently the Principal at Kukerin Primary School, which is in the Southern Wheat Belt. He has been a Music Specialist and Generalist Classroom Teacher prior to this. He has an extensive background in live musical performance and the use of Digital Music Technologies.

Brendon strongly believes in the benefits of embedding technologies into student learning programs and in finding a balance between digital and more traditional methods. Cooperative learning strategies also feature highly in his students' programs and are intertwined with values based learning. Brendon believes in all students

having regular access and opportunities to develop their digital literacy as the potential outcomes are enormous and it is a vital key to survival in the 21st Century.

Greg Wilkinson
EdIT Consultant Xcitelogic

Differentiated learning – the key to implementing ICT across the curriculum.
Differentiated Learning is the Key to implementing ICT across the Curriculum, understanding how to implement different programs successfully to not only engage students but cater for different student learning needs. How podcasting, movie making, wikis blogs and mobile learning can be implemented successfully to achieve successful outcomes for all students

About the Presenter
Greg has worked as a Principal and Deputy Principal in a rural setting utilizing mobile technology. Since then he has been an ICT Coordinator for 4 years in DET schools, presenting to staffPodcasting, wikis, blogs, mobile learning, movie making, Smartboard PD's. Has been working with Xcitelogic for 8 months as an EdIT consultant delivering Differentiated Learning PD to schools utilizing IT.

Natalie Keals
Perception of ICT use in classroom

Jeremy Pagram
Senior Lecturer, Centre for Schooling and Learning Technologies, Edith Cowan University

Digital Assessment:
A Western Australian Experience In A Senior Secondary Engineering Course

This presentation reports on the results a three-year study conducted at the Centre for Schooling and Learning Technologies (CSaLT) at Edith Cowan University in collaboration with the Curriculum Council of Western Australia and concerns the potential to use digital technologies to represent the output from assessment tasks in four senior secondary courses: Applied Information Technology, Engineering Studies, Italian and Physical Education Studies.

This paper focuses on Engineering Studies. The general aim of this study is to explore the potential of various digitally-based forms for external assessment for senior secondary courses.

Ian Gaynor
Western Australian Curriculum Council

Computer Science; 2009 Standards Guide Stage 2
The standards guide provides detailed information to teachers about the 2009 CSC Stage 2 WACE examination.

The standards guide includes the examination questions and associated marking keys and a detailed statistical profile of each question, section and the external examination paper

including how questions were marked and whether individual questions proved easy or difficult for candidates. The guide also includes annotated candidate responses for each question provides examples of 'excellent' and 'satisfactory' performances.

This presentation will review the CSC Stage 2 standards guide and explore strategies for their effective use by teachers and students.

Barnard Clarkson
Scratch: Multimedia software satisfying the itch to learn

Scratch was developed by the Media Lab at MIT as a free, simple-to-learn but potentially powerful programming software. By moving blocks of coded directions, students build scripts that tell sprites how to act, creating games, animations and graphics projects.

Barney says:
> I met Scratch at the ECAWA conference last year thanks to Paul Fuller ('Create a Game in 60 Minutes: Scratch for Absolute Beginners'), and was so inspired I decided to use it when teaching in a school for untouchable children in India (ShantiBhavanOnline.org) a few months later.
>
> I've now used it or seen it used three different ways to engage students, viz. a games approach, a quiz approach and a real-life projects approach. Each method has advantages and disadvantages, and with the wealth of support materials now online (and the network installer which your network manager will like) it was very easy to make progress with students. I'll introduce Scratch to novices, and if you already know what to do, please come along and tutor!

Brett Clarke
Presentation 3

Paul Newhouse
Digital Assessment Physical Education

Lyn Sampson
Western Australian Curriculum Council

Computer Science; 2009 Standards Guide Stage 3
The standards guide provides detailed information to teachers about the 2009 CSC Stage 3 WACE examination.

The standards guide includes the examination questions and associated marking keys and a detailed statistical profile of each question, section and the external examination paper including how questions were marked and whether individual questions proved easy or difficult for candidates. The guide also includes annotated candidate responses for each question provides examples of 'excellent' and 'satisfactory' performances.

This presentation will review the CSC Stage 3 standards guide and explore strategies for their effective use by teachers and students.

Greg Gebhart
ACMA, Senior Cybersafety Trainer

Cybersafety in schools: Creating digital citizens
Greg will highlight the technology world that children live in, the risks they are exposed to and the opportunities for pastoral care and welfare teachers to make a critical difference in children's well being.

Children are fully immersed in technology, from mobile phones and iPods, to chat programs and social networking sites. In many cases, students are putting themselves at risk to cyberbullying, online strangers and the uploading of inappropriate content which will have a large impact on their current lifestyles and future employment.

About the Presenter
Greg Gebhart is ACMA's Senior Cybersafety Trainer and one of Australia's leading Cybersafety experts Greg is recognised across Australia and internationally for his knowledge and passion for cybersafety in education. Greg has won many awards that recognise his contribution to technology and education in Australia, including 'Australian ICT Innovator of the Year' and 'Outstanding Achievement by an Educator' at the National Quality Schooling Awards.