



mLearn 2005

4th World conference on mLearning

Cape Town, South Africa, 25 –28 October 2005

Conference theme:

Mobile technology: The future of learning in your hands

Detailed Conference Programme

Tuesday 25 October 2005

Pre-conference Workshops

Topic / Theme	Presenter(s)	Venue	Duration	Starting time
Using electronic checklists for performance assessment, feedback and course evaluation	Michael Schmidts & Ina Treadwell <i>[Introduction by André le Roux]</i>	BOE Room 1	Half Day	08:30
Bringing rich media experiences to the palm of the student's hand	Graham Brown-Martin <i>[Introduction by Herman vd Merwe]</i>	BOE Room 1	Half Day	14:00
Classroom Uses of Handheld Computers	Elliot Soloway & Cathie Norris <i>[Introduction by Herman vd Merwe]</i>	BOE Room 2	Half Day	08:30
Development of a Competency Profile Chart for Mobile Learners	Mohamed Ally <i>[Introduction by Tom Brown]</i>	BOE Room 2	Half day	14:00
Empowerment through m-Technology: What do I do with this PDA or cell phone?	Annette de Jager & Nellie de Crom <i>[Introduction by Tom Brown]</i>	BOE Internet Room	Full Day	08:30
Making m-learning work: practical tools and techniques for teachers and instructional designers	Geoff Stead <i>[Introduction by Louis Smif]</i>	PC Lab (CPUT)	Full day	08:30

Wednesday 26 October 2005

Venue/ Room	Wednesday 26 October	
	08:30 - 10:30	
	Morning Plenary	
BOE Auditorium	Admin & announcements: Herman van der Merwe (SA) [10 minutes]	
	Introductory remarks: Mike Sharples (UK) [15 minutes]	
	Welcoming address: Adi Paterson (SA) [<i>Introduction by Tom Brown</i>] [30 minutes]	
	Keynote address: [45 minutes] Cathie Norris (USA) & Elliot Soloway (USA) [<i>Introduction by Jill Attewell</i>] Using Handheld Computers in the Classroom: Concrete Visions	
	Introduction to USSD technology at the conference: David Jones, MTN (SA) [15 minutes]	

Venue/ Room	Wednesday 26 October	
	11:00 - 12:30	
	Parallel Session 1	
BOE Room 1	Theme: Challenges for mLearning in developing countries Chair: Johan Hendrikz (SA) 12 minute poster presentations	
	Poster 1: First steps in implementing low-key mLearning in developing countries Ken Masters (SA)	
	Poster 2: Using Mobile Technologies to Support Learning in Sub-Saharan Africa John Traxler (UK)	
	Poster 3: Innovative mLearning to support rural low-tech learners in Africa: the case of using SMS's to support distance learner-teachers throughout South Africa Jeanne-Marie Viljoen (SA)	
BOE Room 2	Theme: mLearning spaces and services Chair: Louis Smit (SA) 12 minute poster presentations	
	Poster 1: Creation of Mobile Learning Spaces - potential of WIFI Dick Ng'ambi (SA), Geoff Hoy (SA)	
	Poster 2: Creating Mobile Learning Services at the University of Oulu, Finland Kari Liukkunen (Finland), Mika Paakkanen (Finland), Heikki Riikonen (Finland)	
	Poster 3: Location-based Mobile Technologies for Engaging Learning Experiences Celine Llewellyn-Jones (UK)	
	Poster 4: 5th digit Mobile Language application Alan Munro (SA)	

Venue/ Room	Wednesday 26 October
	11:00 - 12:30
	Parallel Session 1
Nelson Mandela Room	<p>Technical Papers Session Chair: Linda van Ryneveld (SA) 20 minute papers (Q&A included)</p> <p>Technical Paper 1: Moving mobile into the mainstream Geoff Stead (UK)</p> <p>Technical Paper 2: Wireless Technologies Bridging the Digital Divide in Education Gerard Smyth (Ireland)</p> <p>Technical Paper 3: The Australian Mobile Learning Network: Australian Innovations Marcus Ragus (Australia), Sam Meredith (Australia), Daniel Dacey (Australia), Chris Richter (Australia), Anne Paterson (Australia), Alexander Hayes (Australia)</p>

Venue/ Room	Wednesday 26 October
	14:00 - 15:30
	Parallel Session 2
BOE Room 1	<p>Theme: Teacher training, lifelong and ambient learning Chair: Geoff Stead (UK) 20 minute papers (Q&A included)</p> <p>Paper 1: Using Personal Digital Assistants (PDAs) with Internet Access to Support Initial Teacher Training in the UK Jocelyn Wishart (UK), Angela McFarlane (UK), Andy Ramsden (UK)</p> <p>Paper 2: Blending mobile and ambient technologies to support mobility in practice based education: the case of teacher education Monica Divitini (Norway), Eli Morken (Norway) (Presented by Sobah Petersen, Norway)</p> <p>Paper 3: Adult Multimedia Learning with PDAs - The User Experience Claire Bradley (UK), Richard Haynes (UK), Tom Boyle (UK)</p> <p>Paper 4: Ambient, Multimodal and Context-Sensitive Lifelong Learning Bernhard Kölmel (Germany), Günther Würtz (Germany)</p>
BOE Room 2	<p>Theme: Learning & Content Management Systems (LCMSs), course materials design and learning objects Chair: Jill Attewell (UK) 20 minute papers (Q&A included)</p> <p>Paper 1: An Intelligent Agent for Adapting and Delivering Electronic Course Materials to Mobile Learners Mohamed Ally (Canada), Fuhua Lin (Canada), Rory McGreal (Canada), Brian Woo (Canada)</p> <p>Paper 2: Conception and development of reusable and modular mobile content Patrick Veith (Germany), Jan M Pawlowski (Germany)</p> <p>Paper 3: Adaptive Heterogeneous Learning System Markus Feisst (Germany), Diter Rodrigues dos Santos (Germany), Jelena Mitic (Germany), Andreas Christ (Germany)</p> <p>Paper 4: MOOP - Using mLearning environment in Primary Schools Pasi Mattila (Finland), Timo Fordell (Finland)</p>

Venue/ Room	Wednesday 26 October
	14:00 - 15:30
	Parallel Session 2
Nelson Mandela Room	<p>Theme: Implementing mLearning to overcome real challenges Chair: Judy Nix (Ireland) 20 minute papers (Q&A included)</p> <p>Paper 1: Challenges and Opportunities: Making Mobile Learning a Reality in Schools Keri Facer (UK), Fern Faux (UK), Angela McFarlane (UK)</p> <p>Paper 2: XML saves the day: porting a rich-media collection to a mobile platform in three weeks flat Rodrigo Arias (Guatamala), Matthias Reichenbach (Guatamala), Grete Pasch (Guatamala)</p> <p>Paper 3: "Bossing adults and finding spotty bras": learners as producers within mobile learning contexts Dan Sutch (UK)</p> <p>Paper 4: Designing a Television and Mobile Assisted language Learning Environment Lyn Pemberton (UK), Sanaz Fallahkhair (UK)</p>

Venue/ Room	Wednesday 26 October
	16:00 - 17:00
	Afternoon Plenary
BOE Auditorium	<p>Admin & announcements: Herman van der Merwe [10 minutes]</p> <p>Keynote address: [45 minutes] Stan Trollip (USA) [<i>Introduction by Herman van der Merwe</i>] Title: The giant leap towards mLearning innovations vs the small steps of lessons learnt</p>

Thursday 27 October 2005

Venue/ Room	Thursday 27 October
	08:30 - 09:30
	Morning Plenary
BOE Auditorium	<p>Admin & announcements: Herman van der Merwe (SA) [10 minutes]</p> <p>Keynote address: [45 minutes] Desmond Keegan (Ireland) [<i>Introduction by Tom Brown</i>] Title: The incorporation of mobile learning into mainstream education and training</p>

Venue/ Room	Thursday 27 October
	10:00 - 11:00
	Parallel Session 1
BOE Room 1	<p>Video presentations with live teleconference of selected papers Session Chair: Johan Hendrikz (SA) 20 minute video presentations</p> <p>Video Paper 1: Streaming mLearning Objects via Data Resolution and Web Services to Mobile Devices: Design Guidelines and System Architecture Model Heather Katz (USA), Stephan Worsham (USA)</p> <p>Video Paper 2: Utilising Wireless Pocket-PCs to Promote Collaboration in Field-based Courses Michael Burke (USA), Shane Colter (USA), Julie Little (USA), Jerry Riehl (USA)</p>

Venue/ Room	Thursday 27 October	
	10:00 - 11:00	
	Parallel Session 1	
BOE Room 2	Panel Theme: Evaluating mLearning: Reflections on Current Practice Session Chair: Ron Edwards (UK)	
	Panel contribution: Evaluating Mobile Learning: Reflections on Current Practice John Traxler (UK), Agnes Kukulska-Hulme (UK)	
Nelson Mandela Room	Panel contribution: Seven reasons why mLearning doesn't work Janet McMillan (Australia), Mark Keough (Australia)	
	Panel Theme: Using mobile devices for distance education and learning support Session Chair: Paul Steyn (SA)	
Nelson Mandela Room	Panel contribution: Use of Mobile Devices in Distance Education Mohamed Ally (Canada)	
	Panel contribution: Taking the distance out of distance education through the means of mLearning Willa Louw (SA)	

Venue/ Room	Thursday 27 October	
	11:15 - 12:00	
	Parallel Session 2	
BOE Room 1	Theme: Improving access and development in developing countries Chair: Brenda Mallinson (SA) 12 minute poster presentations	
	Poster 1: How can Mobile Technologies serve to close the digital gap and accelerate development? Yiannis Laouris (Cyprus)	
	Poster 2: The changing face of the distance education learner Christo du Preez (SA), Griff Smith (SA)	
BOE Room 2	Poster 3 (video presentation): Access Means Impact: Handheld Devices for Student Learning Mark van 't Hoof (USA), Karen Swan (USA), Dale Cook (USA)	
	Theme: Personalisation, Portability and mobility Chair: Johan Jacobs (SA) 12 minute poster presentations	
	Poster 1: Personalisation, Portability and Mobile Learning Bob Harrison (UK)	
Nelson Mandela Room	Poster 2: Mobile learning - methodologies for the study of informal learning with mobile devices Mette Berth (Denmark)	
	Poster 3: 3G phones: dynamic tools for mobile, connected learners Dan Sutch (UK)	
	Theme: Virtual communities, access and awareness through mobile technologies Chair: Willa Louw (SA) 12 minute poster presentations	
Nelson Mandela Room	Poster 1: Integrating Mobile learning services into a Virtual community system Luigi Colazzo (Italy), Andrea Molinari (Italy)	
	Poster 2: Using Cellular Phones in Higher Education: Mobile Access to Online Course Materials Boaz Mermelstein (Israel), Edna Tal (Israel), Avner Caspi (Israel), Lilach Chernovich (Israel)	
	Poster 3: Awareness and Togetherness in mobile learning scenarios Alexander Schneider (Germany)	

Thursday 27 October	
Venue/ Room	13:30 - 15:00
Venue/ Room	Parallel Session 3
BOE Room 1	<p>Theme: Intelligent tools & technologies to enhance teaching and learning Chair: Olaf Zawacki-Richter (Germany) 20 minute papers (Q&A included)</p> <p>Paper 1: Interactive Logbook: a Mobile Portfolio and Personal Development Planning Tool Dan Corlett (UK), Tony Chan (UK), Jeffrey Ting (UK), Mike Sharples (UK), Oliver Westmancott (UK)</p> <p>Paper 2: An Intelligent Mobile Tutoring Tool Enabling Individualisation of Students' Learning Processes Pasi Silander (Finland), Anni Rytönen (Finland)</p> <p>Paper 3: EDUGAMING PCs AND QUICKPDA –eBOOKS: A new model for surpassing fragmentation in mobile learning on e-health Miguel Angarita (Colombia), Rafael Bernal (Colombia), Erika Ortiz (Colombia), Bibiana Pinzón (Colombia), Alfonso Esguerra (Colombia).</p> <p>Paper 4: Content Exposure of Slide Show Presentations for Selective Download and Annotation via Mobile Devices Philip West (SA), Greg Foster (SA), Peter Clayton (SA)</p>
BOE Room 2	<p>Theme: Enhancing teaching and learning through mobile tools and technologies Chair: Seugnet Blignaut (SA) 20 minute papers (Q&A included)</p> <p>Paper 1: Meta learning: Experiences from the inclusion of mLearning in a standards-based and corporate-wide learning content management framework Paul Landers (Sweden)</p> <p>Paper 2: Your Learners are Increasingly Mobile - Is Your Learning? Ron Edwards (UK)</p> <p>Paper 3: From Research and Development to Mobile Learning Tools for Education and Training Providers and their Learners Jill Attewell (UK)</p> <p>Paper 4 (video presentation): Teaching and Learning with Mobile Computing Devices: Closing the Gap Karen Swan (USA), Mark van't Hooft (USA), Annette Kratcoski (USA), Darlene Unger (USA)</p>
Nelson Mandela Room	<p>Theme: Implementing mLearning in developing countries Chair: Andrea Molinari (Italy) 20 minute papers (Q&A included)</p> <p>Paper 1: Mobile Dynamic Frequently Asked Questions (m-DFAQ) for student and learning support Dick Ng'ambi (SA)</p> <p>Paper 2: A Proposed Theoretical Model for mLearning Adoption in Developing Countries Andrea Barker (SA), Greig Krull (SA), Brenda Mallinson (SA)</p> <p>Paper 3: Effectiveness of SMS Communication Between University and Students Evelyn Nonyongo (SA), Khomotso Mabusela (SA), Vincent Monene (SA)</p> <p>Paper 4: 4D Technologies: appropriating handheld computers to serve the needs of teachers and learners in rural African settings Jenny Leach (UK), Tom Power (UK), Rhodri Thomas (UK), Xholisa Fadana (SA) and Andile Mbebe (SA)</p>

Thursday 27 October	
Venue/ Room	15:30 - 16:15
Venue/ Room	Afternoon Plenary
BOE	Admin & announcements: Herman van der Merwe (SA) [10 minutes]

Venue/ Room	Thursday 27 October
	15:30 - 16:15
	Afternoon Plenary
Auditorium	Invited presentation and demo [30 minutes] Graham Brown-Martin (UK) [<i>Introduction by Giorgio da Bormida</i>] Title: The importance and educational value of bringing rich media experiences to the palm of the student's hand

Friday 28 October 2005

Venue/ Room	Friday 28 October
	08:30 - 10:00
	Parallel Session 1
BOE Room 1	<p>Theme: Using PDAs in teaching and learning Chair: Olaf Zawacki-Richter (Germany) 20 minute papers (Q&A included)</p> <p>Paper 1: Using portable technology for assessment of practical performance Ina Treadwell (SA)</p> <p>Paper 2: The "ME"-Learning experience: PDA technology and eLearning in Ecotourism at TUT Nellie de Crom (SA), Annette de Jager (SA)</p> <p>Paper 3: Experiences from a nation-wide experiment introducing <i>IT</i> in lives of children: Fifteen years later Yiannis Laouris (Cyprus), Harry Anastasiou (Cyprus)</p>
BOE Room 2	<p>Theme: Context awareness, fieldwork and mobility through mLearning Chair: Giorgio da Bormida (Italy) 20 minute papers (Q&A included)</p> <p>Paper 1: Evaluation of CAERUS: a Context Aware Mobile Guide Laura Naismith (UK), Mike Sharples (UK), Jeffrey Ting (UK)</p> <p>Paper 2: Mobile learning in the Netherlands: Real-time database access in an educational fieldwork setting Petra Wentzel (Netherlands)</p> <p>Video presentation (15 min): Teaching and Learning networks management with mobility Luiz Fernando Meirelles (Brazil), Liane Tarouco (Brazil), Giovanna da Silva (Brazil)</p>
Nelson Mandela Room	<p>Technical Showcases Session Chair: Ron Edwards (UK) 20 minute presentations (Q&A included)</p> <p>Technical Showcase 1: Mediasite ETA Audiovisual (John Walton)</p> <p>Technical Showcase 2: AnyConnect First Technology Management (Sean Glansbeek)</p> <p>Technical Showcase 3: USSD demonstration MTN (David Jones)</p>

Venue/ Room	Friday 28 October
	10:15 – 11:00
	Parallel Session 2

Venue/ Room	Friday 28 October
	10:15 – 11:00
	Parallel Session 2
BOE Room 1	<p>Theme: mLearning tools and aids Chair: Peter Ssemambo (Uganda) 12 minute poster presentations</p> <p>Poster 1: The Potential of Grid for Mobile eLearning David Millard (UK), Arouna Woukeu (UK), Feng Tao (UK), Hugh Davis (UK)</p> <p>Poster 2: Introducing the New Periodic Table of Breast Tumors: A Revolutionary Mobile Learning Solution in the assessment for Breast Cancer Miguel Angarita (Colombia), Rafael Bernal (Colombia), Erika Ortiz (Colombia)</p> <p>Poster 3: An appraisal of the use of the Cellphones and the Short Message Service (SMS) language as a teaching and learning aid in a tertiary learning environment Mampa Lorna Mphahlele (SA), Kwena Mashamaite (SA)</p>
BOE Room 2	<p>Theme: Information management and content design & development Chair: Judy Nix (Ireland) 12 minute poster presentations</p> <p>Poster 1: Developing Learning Materials for Mobile Learning Mohamed Ally (Canada)</p> <p>Poster 2: Design issues for developing multimedia learning for PDAs Claire Bradley (UK), Richard Haynes (UK), Tom Boyle (UK)</p> <p>Poster 3: Mobile Computing using the PPC for Managing Information in an Academic Environment Geoffrey Chow (Australia)</p>
Nelson Mandela Room	<p>Technical Showcases Session Chair: Seugnet Blignaut (SA) 20 minute presentations (Q&A included)</p> <p>Technical Showcase 1: HP in Mobility HP (Thibault Dousson)</p> <p>Technical Showcase 2: The evolution of Sunrise African Legend Indigo (Sean O'hare)</p>

Venue/ Room	Friday 28 October
	11:30 - 13:30
	Final Plenary
BOE Auditorium	<p>Special theme presentations and panel discussion [45 minutes] Theme: Towards a Theory of Mobile Learning [Introduction by Herman van der Merwe]</p> <p>Panel contribution: We need an Educationally relevant Definition of Mobile Learning Yiannis Laouris (Cyprus), Nikleia Eteokleous (Cyprus)</p> <p>Panel contribution: Towards a Theory of Mobile Learning Mike Sharples (UK), Josie Taylor (UK), Giasemi Vavoula (UK)</p> <p>Closing address: [Introduction by Mike Sharples] [30 minutes] Hosts of mLearn 2006</p> <p>Final admin & announcements: [15 minutes] Herman van der Merwe (SA)</p>