

The **9th edition of the Mobile Learning (ML) International Conference** was hosted in Lisbon, Portugal, during **14 to 16 March, 2013**.

This ML Conference seeks to provide a forum for the presentation and discussion of mobile learning research which illustrate developments in the field. The conference aim to explore the theme of mobile learning under the following topics: Learning analytics and mobile learning, Cloud computing and mobile learning, Pedagogical approaches, models and theories for mLearning, mLearning in and across formal and informal settings, Strategies and challenges for integrating mLearning in broader educational scenarios, User Studies in mLearning, Learner mobility and transitions afforded by mlearning, Socio-cultural context and implications of mLearning, Mobile social media and user generated content, Enabling mLearning technologies, applications and uses, Evaluation and assessment of mLearning, Research methods, ethics and implementation of mLearning, Innovative mLearning approaches, Tools, technologies and platforms for mLearning and mlearning: where to next and how?



The Mobile Learning 2013 Conference had 116 submissions from more than 28 countries. Each submission has been anonymously reviewed by an average of four independent reviewers, to guarantee the final high standard of the accepted submissions. Out of the papers submitted, 17 received blind referee ratings that signified acceptability for publication as full papers (acceptance rate below 15%), while some others were published as short papers, reflection papers, posters and doctoral papers.

The Conference Program featured seven parallel paper sessions, a Keynote Presentation, a Tutorial, a Special Talk, a Doctoral Consortium Presentation and a Poster Session.



Keynote Presentation:
**“FROM MOBILE GAMES TO PLAYFUL COMMUNICATION:
PLAY IN EVERYDAY LIFE”**



by Professor Frans Mäyrä, INFIM/TRIM/Game Research Lab & School of Information Sciences, University of Tampere, Finland.



**Special Talk:
“USING MOBILE DEVICES AS ESSENTIAL TOOLS FOR LEARNING IN PRIMARY
& SECONDARY SCHOOL”**



**Conference Tutorial:
“EXPLOITING THE WELEARN MOBILE PLATFORM TO SCAFFOLD
SYNCHRONOUS COLLABORATION”**



by Cathie Norris, Regents Professor, University of North Texas, Denton, TX, USA

and

by Elliot Soloway, Arthur F. Thurnau Professor, University of Michigan, Ann Arbor, MI, USA



Extended versions of the best papers were selected to be published as extended versions in the International Journal of Mobile and Blended Learning (ISSN: 1941-8647).

The Mobile Learning Conference 2013 was published in Book (ISBN: 978-972-8939-81-6).

Program Committee Members:

Abeer Alnuaim, University Of The West Of England
Uwe Bristol, United Kingdom

Adamantios Koumpis, Altec Software S.A., Greece

Agisilaos Papantoniou, National Technical University Of
Athens , Greece

Agnes Kukulska-hulme, The Open University, United
Kingdom

Agostino Marengo, University Of Bari, Italy

Ah-Fur Lai, Taipei Municipal University Of Education,
Taiwan

Alessandro Caforio, UNINETTUNO University, Italy

Alessandro Pagano, University Of Bari, Italy

Alessio Barbone, University Of Bari, Italy

Alex Voychenko, Irtc, Ukraine

Anastasios Economides, University Of Macedonia,
Greece

Anastasios Karakostas, Aristotle University, Greece

Anastopoulou Stamatina, Systems and Products
Design, University of the Aeg, Greece

Andrea Pozzali, European University of Rome, Italy

Andreas P. Schmidt, Karlsruhe University of Applied
Sciences, Germany

Angela Murphy, University Of Southern Queensland,
Australia

Angelos Michalas, TEI of Western Macedonia, Greece

Ann Jones, The Open University, United Kingdom

Anna Riccioni, University Of Bologna, Italy

Antoanela Naaji, Vasile Goldis Western University,
Romania

Antonio Panaggio, Ministry Of Education, Italy

Balsam Alsugair, The Open University, United Kingdom

Bard Ketil Engen, Oslo And Akershus University
College Of Applied Sc, Norway

Beat Doebeli Honegger, PH Zentralschweiz Schwyz,
Switzerland

Ben Bachmair, London Mobile Learning Group,
Germany

Boriss F. Misnevs, Transport And Telecommunication
Institute, Latvia

Bren Taylor, Service Birmingham, United Kingdom

Brendan Riordan, University Of Wolverhampton, United
Kingdom

Brendan Tangney, Trinity College Dublin, Ireland

xii

Brittany Smith, University Of Illinois at Urbana-
Champaign, Usa

Carl Smith, London Metropolitan University, United
Kingdom

Carmen Holotescu, Politehnica University Of Timisoara,
Romania

Celine Llewellyn-Jones, London Metropolitan University
and University of E, United

Kingdom

Charalampos Karagiannidis, University of Thessaly,
Greece

Charles Jennings, Learning & Performance Consultant,
United Kingdom

Chengjiu Yin, Kyushu University, Japan

Chiara Rossitto, Department of Computer and Systems
Sciences, DSV, , Sweden

Chiu-kuo Liang, Chunghua University, Taiwan

Chiu-Pin Lin, National Hsinchu University of Education, Taiwan

Chorng-shiuh Koong, National Taichung University of Education, Taiwan

Christoph Richter, Christian-Albrechts-Universität zu Kiel, Germany

Christos Bouras, University Of Patras, Greece

Claire Bradley, Freelance Mlearning / Elearning Consultant, Spain

Clark Quinn, Quinnovation, United States

Claudia Steinberger, University Of Klagenfurt, Austria

Cristina Hava Muntean, National College Of Ireland, Ireland

Daniela Melare, Universidade Aberta, Portugal

Daphne Economou, University of Westminster, UK

David Frohlich, University Of Surrey, United Kingdom

Demetrios Sampson, University Of Pireaus, Greece

Dick Davies, Ambient Performance, United Kingdom

Dumitru Burdescu, University Of Craiova, Romania

Eftychia Datsika, National Technical University Of Athens, Greece

Elia Tomadaki, Velti S.A., Greece

Elisabetta Parodi, eXact learning solutions S.p.A., Italy

Elizabeth Fitzgerald, The Open University, United Kingdom

Emad Bataineh, Zayed University, United Arab Emirates

Euripides Loukis, University Of the Aegean, Greece

Fotis Liarokapis, Coventry University, United Kingdom

Franz Lehner, University Of Passau, Germany

Fuhua Lin , Athabasca University, Canada

George Magoulas, Birbeck College, United Kingdom

Giancarlo Bo, Technology and Innovation Consulting (Freelancer), Italy

Giasemi Vavoula, University Of Leicester, United Kingdom

Giuliana Dettori, ITD-CNR, Italy

Gwo Jen Hwang, National Taiwan University Of Science and Technolo, Taiwan

Gwo-dong Chen, National Central University, Taiwan

Haiguang Fang, Capital Normal University, China

Hannu-Matti Jarvinen, Tampere University Of Technology, Finland

Harald Kosch, University of Passau, Germany

Helen Farley, University Of Southern Queensland, Australia

Herman Van Der Merwe, North-West University, South Africa

Hiroaki Ogata, University Of Tokushima, Japan

Hisbel Arochena, Coventry University, United Kingdom

Hsien-sheng Hsiao, National Taiwan Normal University, Taiwan

Ina O' Murchu, Nui Galway, Ireland

Inge de Waard, Institute Of Tropical Medicine Antwerp, Belgium

Ingo Dahn, University Of Koblenz-landau, Germany

Ioannis Anagnostopoulos, University of Central Greece, Greece

Ivana Marenzi, University Of Hanover, Germany

Jane Sinclair, University Of Warwick, United Kingdom

Jari Multisilta, University of Helsinki, Finland

Jekaterina Bule, Riga Technical University, Latvia

Jia-sheng Heh, Chung Yuan Christian University, Taiwan

Jie-Chi Yang, National Central University, Taiwan

Jirarat Sitthiworachart, Walailak University, Thailand

Jo Dugstad Wake, InterMedia, Uni Health, Uni Research, Norway

Jocelyn Wishart, University Of Bristol, United Kingdom

John Traxler, University Of Wolverhampton, United Kingdom

Jon Dron, Athabasca University, Canada

Jozef Hvorecky, Vysoka Skola Manazmentu, Slovakia

Juan Manuel Santos-Gago, University of Vigo, Spain

Judith Seipold, London Mobile Learning Group, United Kingdom

Judy Brown, Advanced Distributed Learning, United States

Ju-ling Shih, National University Of Tainan, Taiwan

Jun-Ming Su, National University of Tainan, Taiwan

Kateryna Synytsya, Irtc Its, Ukraine

Klaus Rummmler, University of Bremen, Germany

Koula Charitonos, The Open University, United Kingdom

Kris Isaacson, University Of Minnesota, Usa

Kuo-liang Ou, National Hsin-chu University Of Education, Taiwan

Lam-for Kwok, City University Of Hong Kong, Hong Kong

Larissa Zaitseva, Riga Technical University, Latvia

Lena Pareto, University West, Sweden

Li Yushun, Beijing Normal University, China

Louise Mifsud, Oslo and Akershus University College of Applied Sc, Norway

Luca Tateo, University of Salerno, Italy

Luis Anido-rifon, University Of Vigo, Spain

Lyn Pemberton, University Of Brighton, United Kingdom

Maiga Chang, Athabasca University, Canada

Malamati Louta, University of Western Macedonia, Greece

Marcello Cinque, Università di Napoli Federico II, Italy

Marcus Specht, Open University Of The Netherlands, Netherlands

Marguerite Koole, Athabasca University, Canada

Maria Helena Braz, Technical University Of Lisbon, Portugal

Maria Uther, University of Winchester, United Kingdom

Marina Rui, University Of Genova, Italy

Mario Vacca, La Sapienza - University Of Rome, Italy

xiv

Markus Rohde, University Of Siegen, Germany

Martin Memmel, German Research Center For Artificial Intelligence, Germany

Mercedes Fisher, Milwaukee Area Technical College (matc), USA

Michael Beigl, Karlsruhe Institute Of Technology (kit), Germany

Michele Notari, University of Teacher Education Bern, Switzerland

Michelle Pieri, University of Milano-Bicocca, Italy

Mike Joy, University Of Warwick, United Kingdom

Mike Sharples, The Open University, United Kingdom

Milan Turcani, Constantine The Philosopher University In Nitra, Slovakia

Mona Laroussi, University Of Lille, France

Monica Divitini, Norwegian University Of Science And Technology, Norway

Mudasser Wyne, National University, United States

Nektarios Georgalas, British Telecom, United Kingdom

Niall Winters, University Of London, United Kingdom

Nicola Doering, Ilmenau University Of Technology, Germany

Nicolaos Protogeris, University Of Macedonia, Greece

Nigel Paine, Napier University, United Kingdom

Nikolaos Avouris, University of Patras, Greece

Norbert Pachler, University Of London, United Kingdom

Novella Caterina, Ministry Of Education, Italy

Oleksiy Voychenko, International Research And Training Center (irtc), Ukraine

Otto Petrovic, University Of Graz, Austria

Palmyre Pierroux, University Of Oslo, Norway

Peter Ferdinand, University Of Koblenz-Landau, Germany

Peter Mikulecky, University of Hradec Kralove, Czech Republic

Petra Poulouva, University Of Hradec Kralove, Czech Republic

Phelim Murnion, Galway-mayo Institute Of Technology, Ireland

Phil Benachour, Lancaster University, United Kingdom

Qing Tan, Athabasca University, Canada

Raffaella Guida, University Of Surrey, United Kingdom

Rahat Iqbal, Coventry University, United Kingdom

Raquel Trillo Lado, University Of Zaragoza, Spain

Rebecca Hogue, University Of Ottawa, Canada

Ron Edwards, QA, United Kingdom

Roza Dumbraveanu, State Pedagogical University "i.creanga", Moldova, Republic Of

Sabine Moebs, Dublin City University, Ireland

Sanaz Fallahkhair, University Of Portsmouth, United Kingdom

Sarah Lowe, Intermedia, University Of Oslo, Norway

Sarah Mount, University Of Wolverhampton, United Kingdom

Sean Siqueira, Federal University of the State of Rio De Janeiro , Brazil

Sergio Di Martino, Università Degli Studi Di Napoli , Italy

Sergio Ilarri, University Of Zaragoza, Spain

Shen Ruimin, Shanghai Jaitong University, China

Shenguan Yu, Beijing Normal University, China

Simone Braun, Karlsruhe University, Germany

xv

Stavros Demetriadis, Aristotle University Of Thessaloniki, Greece

Stefanie Gooren-Sieber, University of Bamberg, Germany

Stefanie Lindstaedt, Know Center Graz & TUG, Austria

Stella Lee, Athabasca University, Canada

Stephen McNeill, Kennesaw State University, USA

Stephen White, The University Of Huddersfield, United Kingdom

Sukhbaatar Bilgee, Mongolian University Of Science And Technology, Mongolia

Surya Bahadur Kathayat, Norwegian University Of Science And Technology (nt, Norway

Tamara Powell, Kennesaw State University, Usa

Teresa Cerratto-pargman, Stockholm University, Sweden

Theodoros Arvanitis, The University Of Birmingham, United Kingdom

Thierry Delot, University Of Valenciennes, France

Thrasylvoulos Tsiatsos, Aristotle University of Thessaloniki, Greece

Tomayess Issa, Curtin University, Perth, Australia

Tonje H. Giaever, Oslo And Akershus University College Of Applied Sc, Norway

Trish Andrew, The University Of Queensland, Australia

Tzung-shi Chen, National University of Tainan, Taiwan

Vaggelis Kapoulas, Computer Technology Institute And
Press Diophantus, Greece

Valeria Medarova, Vysoka Skola Manazmentu,
Slovakia

Vjaceslavs Sitikovs, Riga Technical University, Latvia

Werner Beuschel, IBAW, Germany

Yannis P. Psaromiligkos, Technological Education
Institute Of Piraeus, Greece

Yiwei Cao, Informatik 5, Rwth Aachen University,
Germany

Yuan-kai Wang, Fu Jen University, Taiwan Poland