

16th International Conference Mobile Learning 2020

Sofia, Bulgaria
2-4 April 2020

Editors:

Inmaculada Arnedillo Sanchez
Pedro Isaías
Boyan Bontchev
Luís Rodrigues

ISBN: 978-1-7138-1012-4

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2020) by International Association for Development of the Information Society (IADIS)
All rights reserved.

Printed with permission by Curran Associates, Inc. (2020)

For permission requests, please contact International Association for Development of the Information Society (IADIS) at the address below.

International Association for Development of the Information Society (IADIS)
Rua Sao Sebastiao Da Pedreira
No. 100, 30, 1050-209
Lisbon, Portugal

Phone: 351 21 3151373

Fax: 351 21 3151244

secretariat@iadis.org

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2633
Email: curran@proceedings.com
Web: www.proceedings.com

TABLE OF CONTENTS

FOREWORD	vii
PROGRAM COMMITTEE	ix
KEYNOTE LECTURE	xi

FULL PAPERS

USING MOBILE TECHNOLOGY TO CROWDSOURCE THE AUGMENTATION OF DEEP LEARNING DATASETS <i>Chantelle Saliba and Dylan Seychell</i>	3
A META-ANALYSIS OF SERIOUS MOBILE GAMES TO SUPPORT MUSEUM'S INFORMAL EDUCATIONAL <i>Meng Wang and Miguel Baptista Nunes</i>	11
MOBILE TECHNOLOGY AFFECTING TEACHING AND LEARNING IN RURAL SCHOOLS <i>Marlien Herselman, Adele Botha, Keneilwe Maremi, Sifiso Dlamini and Mario Marais</i>	23
INVESTIGATING MOOC PLATFORMS AS A PROSPECTIVE TOOL FOR MOBILE LEARNING <i>Albena Antonova and Boyan Bontchev</i>	31
MOBILE LEARNING ADOPTION AT THE SCIENCE MUSEUM GROUP <i>Ruel Welch, Temitope Alade and Lynn Nichol</i>	39
MOBILE PERFORMANCE SUPPORT SYSTEM FOR TEACHERS AND PARENTS TEACHING FIRST GRADERS TO READ <i>Roberto Araya</i>	47
CONCEPTUALIZING MOBILE DIGITAL LITERACY SKILLS FOR EDUCATORS <i>Farshida Jahoor, Adele Botha and Marlien Herselman</i>	55
MOBILE LEARNING IN OUTDOOR SETTINGS: A SYSTEMATIC REVIEW <i>Johan Stymne</i>	63
EXPLORATION OF VIDEO E-LEARNING CONTENT WITH SMARTPHONES <i>Stefan Rübiger, Tuğberk Dalkılıç, Alperen Doğan, Buket Karakaş, Berk Türetken and Yücel Saygın</i>	71
VIRTUAL REALITY AND ITS IMPACT ON LEARNING SUCCESS <i>Thomas Keller, Elke Brucker-Kley and Christian Wyder</i>	78

M-LEARNING FOR THE RECRUITMENT AND SELECTION OF HUMAN TALENT. CASE: INTERVIEW <i>Paula Asto Machaca and Luis Alfaro Casas</i>	87
--	----

SHORT PAPERS

MOBILE LEARNING IN HIGHER EDUCATION <i>Petra Bauer, Christine Kolb and Jasmin Bastian</i>	97
USING MOBILE LEARNING AND RESEARCH BASED LEARNING TO ATTRACT STUDENTS INTO QUANTUM INFORMATION RESEARCH <i>Francisco Javier Delgado-Cepeda and Marco Benjamín Enriquez-Flores</i>	102
MODELING A SECURE EXAM MANAGEMENT SYSTEM (SEMS) FOR MOBILE ENVIRONMENT BASED ON FACE RECOGNITION AND GPS TECHNIQUES <i>Hervé B. Olou and Eugène C. Ezin</i>	107
STUDENT ACCEPTANCE OF LEARNING WITH TABLETS IN A HISTORY MUSEUM <i>Alan J. Wecker, Merav Yosfan, Billie Eilam and Joel Lanir</i>	111
SPOC, FUTURE OF MLEARNING AND LANGUAGE LEARNING? <i>Hamed Asgari and Georges Antoniadis</i>	115
THE EFFECT OF TEACHING BY (MOBILE LEARNING) IN UNIVERSITY STUDENTS'S ACHIEVEMENT <i>Omar M. K. Mahasneh</i>	121

REFLECTION PAPER

TEACHERS DIALOGUING ABOUT STATISTICAL LITERACY WITH SUPPORT OF MESSENGER APP FOR SMARTPHONES <i>Sérgia Oliveira, Liliane Carvalho, Carlos Monteiro and Carolina Carvalho</i>	129
---	-----

POSTER

ENABLING MLEARNING TECHNOLOGIES INTO INTEGRATING OFF-CAMPUS INTERNSHIP AND CAPSTONE COURSES FOR TECHNOLOGICAL UNIVERSITY IN TAIWAN <i>Su-Chang Chen, Hsi-Chi Hsiao, Jen-Chia Chang and Dyi-Cheng Chen</i>	135
--	-----