

## eLmL 2019

The Eleventh International Conference on Mobile, Hybrid, and On-line Learning

February 24 – 28, 2019

Athens, Greece

eLmL 2019 Editors

Herwig Mannaert, University of Antwerp, Belgium

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© (423; ) by International Academy, Research, and Industry Association (IARIA) Please refer to the Copyright Information page.

Printed by Curran Associates, Inc. (423; )

International Academy, Research, and Industry Association (IARIA) 412 Derby Way Wilmington, DE 19810

Phone: (408) 893-6407 Fax: (408) 527-6351

petre@iaria.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**

Augmented Reality Application for Telecommunications Concepts Learning Patricia Madrinan, Domiciano Rincon, and Andres Navarro	1
Reading Behaviors of Japanese Learners Based on Logs Recorded by Users of Digital Books Teiko Nakano and Teruko Harada	4
An Active Learning Approach for Teaching Web Development- Action Research Study Mohammed Bahja and Mitul Shukla	11
E-learning Framework for Saudi Universities Abdullah Alqahtani	17
Teaching Arabic with Technology Project-Based Learning Odeese Ghassa-Khalil	26
Analysing Textual Content of Educational Web Pages for Discovering Features Useful for Classification Purposes Vladimir Estivill-Castro, Matteo Lombardi, and Alessandro Marani	30
Software System for Automatic Creation of Operation Manuals for Real-Time Use by Students During Lectures Naoki Morita and Kenta Morita	36
Multi-Level Image Presentation Method to Quickly Know Operation Processes of Students for Finding Erroneous Operation Kenta Morita, Haruhiko Takase, and Naoki Morita	40
Exploring Aspects of a Faculty Digital Learning Channel: The Case of Eclips Ilke Franquet, Christine Lippens, Kelly Martens, and Herwig Mannaert	44
Survey on Intelligent Dialogue in e-Learning Systems Felix G. Hamza-Lup and Ioana R. Goldbach	49
Recommendation Acceptance in a Simple Adaptive Learning System Matthias Holthaus, Tansu Pancar, and Per Bergamin	53