2018 Learning With MOOCS (LWMOOCS 2018)

Madrid, Spain 26-28 September 2018



IEEE Catalog Number: ISBN:

CFP18Q10-POD 978-1-5386-6534-3

Copyright © 2018 by the Institute of Electrical and Electronics Engineers, Inc. All Rights Reserved

Copyright and Reprint Permissions: Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limit of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

For other copying, reprint or republication permission, write to IEEE Copyrights Manager, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. All rights reserved.

*** This is a print representation of what appears in the IEEE Digital Library. Some format issues inherent in the e-media version may also appear in this print version.

IEEE Catalog Number:	CFP18Q10-POD
ISBN (Print-On-Demand):	978-1-5386-6534-3
ISBN (Online):	978-1-5386-6533-6

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 E-mail: curran@proceedings.com Web: www.proceedings.com



LWMOOCS V – Learning with MOOCS 2018 IEEE catalog: CFP18Q10-ART ISBN: 978-1-5386-6533-6

Table of Contents

Page range

Towards a Better Understanding of Mobile Learning in MOOCs	1–4
Design of MOOC on Research in Technical Education	5–8
Experiences from two hybrid postgraduate degrees using MOOCs. Unbundling higher education with internationalization.	9–12
Local MOOC Solution For Thight Budgets Or Limited Internet Access	13–16
Mapping Microcredentials Across MOOC Platforms	17–21
"It looks like this course is turning toward a degree": Rethinking professional education with a blended MicroMasters program	22–26
Design of a Conversational Agent	27–30
The Effect of Course Content Position on Student Attempts of Practice Problems in Introductory Biology	31–33
The experience of designing and developing an edX's MicroMasters program to develop or reinforce the digital competence on teachers	34–38
Team-Based Assignments in MOOCs - User Feedback	39–42
Conversational Agents as Group-Teacher Interaction Mediators in MOOCs	43–46
Participation of the Arab World in MOOCs	47–50
On the Impact of Programming Exercise Descriptions - Effects of Programming Exercise Descriptions to Scores and Working Times	51–54
Innovative social approach in the nuclear sector: a MOOC in Nuclear Safety Culture within H2020 ANNETTE project	55–58
Supporting Group Formation in Ongoing MOOCs using Actionable Predictive Models	59–62
Teachers Training Micro-Learning Innovative Model: Opportunities and Challenges	63–65
Flexible, self-directed and bottom-up: Are employees overtaking their Human Resource departments with MOOCs?	66–69
Profiles and motivations of participants in Greek MOOC for Python programming	70–73
A new approach in blended teaching combining LMS, MOOCs, and PIAZZA for University courses	74–77
Addressing societal needs through MOOCs in Southeast Asia	78–80
Making a Creative Commons MOOC: Challenges and Opportunities	81–84
The social dimension of participation and completion in MOOCs	85–89
The Influence of Immediate Homework Feedback on Student Performance and Satisfaction in an Engineering MOOC	90–93
The MOOC BA: a new frontier for Internationalization	94–97
Real Experiments in a MOOC Through Remote Lab VISIR: Challenges, Successes and Limits.	98–101
Reaching out to the Under-Represented - Exploring how less-educated learners learn in Open Scale Online Courses	102–105
Blended Learning with SPOC - An Implementation Review of a Web Programming Subject	106–109

Title

LWMOOCS V – Learning with MOOCS 2018 IEEE catalog: CFP18Q10-ART ISBN: 978-1-5386-6533-6

Title

Table of Contents

Page range

Intention – behaviour dynamics in MOOC Learning; What happens to good intentions along the way?	110–112
Concept Assessment System Integrated with Knowledge Map using Deep Learning	113–116
The clustering analysis system based on students' motivation and learning behavior	117–119
A Comprehensive MOOC Creation Approach	120–123
Development of a Laboratory Workshop for Open Online Courses Based on 3D Computer Graphics and Multimedia	124–126
Learning by creating a MOOC	127–130
The essence of time: Taking a look at learning sessions in MOOCs	131–133
Blending MOOCs into Higher Education Courses – a Case Study	134–136
Leveraging Multilingual Learning Communities in a Global Environment	137–139
Discovering interaction patterns in open online courses through application of machine learning techniques	140–143
Scalable Team-Based Software Engineering Education via Automated Systems	144–146
YourMOOC4ALL: a MOOCs inclusive design and useful feedback research project	147–150
Open Education through MOOCs: A review from the first IEEE Education Society' MOOC	151–154
Scalable Ad hoc Low Cost Mobile Online Laboratories	155–158