

Je-LKS

Journal of e-Learning and Knowledge Society
The Italian e-Learning Association Journal

sie-L
Società Italiana di e-Learning

EMEMITALIA Conference 2016

n. 3
2017
SEPTEMBER

The Journal is issued online three times per year.

Je-LKS is an Open Access Online publication. This means that everybody can free access online to abstracts and full length articles.

Libraries or researchers, can subscribe a Reprint Service Subscription. The Reprint Service Subscription is on a yearly basis and you can receive the three printed year issues for a 121€ annual fee (including taxes and shipping expenses).

In order to join Sle-L:

- segreteria@sie-l.it

- Tel. +39 052 2522521

For more information visit www.sie-l.it

Registration at the Rome Court in the pipeline.

eISSN: 1971 - 8829 (online)

ISSN: 1826 - 6223 (paper)

Resp. dir. Aurelio Simone

To the authors:

paper can be addressed to:
www.je-lks.org

Editor

Sle-L The Italian e-Learning Association
www.sie-l.it

Editor in Chief

Luigi Colazzo
University of Trento, Italy

Managing and Technical Editor

Nicola Villa

Associated Editors

Valerio Eletti
University "La Sapienza" Roma, Italy
Paolo Maria Ferri
University of Milano Bicocca, Italy
Demetrios G Sampson
University of Piraeus, Greece
Albert Sangrà
Universitat Oberta de Catalunya, Spain
Aurelio Simone

Assistant Editors

Valentina Comba
Anna Dipace
University of Foggia, Italy
Annamaria De Santis
University of Modena-Reggio Emilia, Italy
Antonio Marzano
University of Salerno, Italy
Stefano Moriggi
University of Milano Bicocca, Italy
Veronica Rossano
University of Bari, Italy
Katia Sannicandro
University of Modena-Reggio Emilia, Italy

Scientific Committee

Adorni Giovanni - University of Genova, Italy;
Bonaiuti Giovanni - University of Cagliari, Italy;
Calvani Antonio - University of Firenze, Italy;
Cantoni Lorenzo - University of Lugano, Switzerland;
Carbonaro Antonella - University of Bologna, Italy;
Cartelli Antonio - University of Cassino, Italy;
Cerri Renza - University of Genova, Italy;
Cesareni Donatella - University of Roma, Italy;
Coccoli Mauro - University of Genova, Italy;
Delfino Manuela - C.N.R. I.T.D of Genova, Italy;
Faiella Filomena, University of Salerno, Italy,
Ghislandi Patrizia - University of Trento, Italy;
Guerin Helen - University College Dublin Ireland;
Guerra Luigi - University of Bologna, Italy;
Holotescu Carmen - University of Timisoara, Romania;
Karacapilidis Nikos - University of Patras, Greece;
Karlsson Goran - University of Stockholm, Sweden;
Kess Pekka - University of Oulu, Finland;
Ligorio Beatrice - University of Salerno, Italy;
Manca Stefania - C.N.R. I.T.D of Genova, Italy;
Mandl Heinz - Universität Munchen, Germany;
Mangione Giuseppina Rita, INDIRÉ, Italy,
Maresca Paolo - University of Napoli Federico II, Italy;
Mich Luisa - University of Siena, Italy;
Michellini Marisa - University of Udine, Italy;
Molinari Andrea, University of Trento, Italy,
Persico Donatella - C.N.R. I.T.D of Genova, Italy;
Pirlo Giuseppe, University of Bari, Italy,
Rizzo Antonio - University of Salerno, Italy;
Roselli Teresa - University of Bari, Italy,
Sarti Luigi - C.N.R. I.T.D of Genova, Italy;
Trentin Guglielmo - C.N.R. I.T.D of Genova, Italy;
Vertecchi Benedetto - University of Roma3, Italy.

Reviewers

Giovanni Adorni, Adalgisa Battistelli, Carlo Alberto Bentivoglio, Martina Benvenuti, Raffaella Bombi, Giovanni Bonaiuti, Stefano Bonometti, Antonio Calvani, Lorenzo Cantoni, Carlo Cappa, Nicola Capuano, Antonella Carbonaro, Milena Casagrande, Mirella Casini Shaerf, Roberto Caso, Alessio Ceccherelli, Donatella Cesareni, Angelo Chianese, Elisabetta Cigognini, Luigi Colazzo, Alberto Colorni, Valentina Comba, Laura Corazza, Madel Crasta, Vincenzo D'Andrea, Ciro D'Apice, Vito D'Aprile, Marinella De Simone, Nicoletta Dessì, Pierpaolo Di Bitonto, Liliana Dozza, Hendrik Drachster, Valerio Eletti, Meryem Erbilek, Filomena Faiella, Giorgio Federici, Michele Fedrizzi, Mario Fedrizzi, Paolo Ferri, Rita Francese, Paolo Frignani, Luciano Galliani, Patrizia Ghislandi, Carlo Giovannella, Katia Giuseppe, Giancarlo Gola, Maria Renza Gueffi, Donato Impedovo, Claudio La Mantia, Stefano Lariccia, Maria Laterza, Beatrice Ligorio, Stefania Manca, Giuseppina Rita Mangione, Nikos Manouselis, Paolo Maresca, Giada Marinensi, Maria Lidia Mascia, Marco Masoni, Silvia Mazzini, Elvis Mazzoni, Luisa Mich, Silvia Michioletta, Tommaso Minerva, Giorgio Olimpo, Giovanni Pascuzzi, Vincenzo Patruno, Marco Pedroni, Donatella Persico, Maria Chiara Pettenati, Giuseppe Pirlo, Giorgio Poletti, Maria Ranieri, Emanuele Rapetti, Fabrizio Ravicchio, Pierfranco Ravotto, Pier Cesare Rivolletta, Alessia Rosa, Teresa Roselli, Veronica Rossano, Pier Giuseppe Rossi, Maria Teresa Sagri, Susanna Sancassani, Rossella Santagata, Javier Sarsa, Luigi Sarti, Michele Scalerà, Antonella Serra, Dario Simoncini, Aurelio Simone, Angela Spinelli, Sara Tomasini, Guglielmo Trentin, Andrea Trentini, Roberto Trincherò, Annalisa Vacca, Nicola Villa, Giuseppe Visaggio, Fabio Vitali, Giuliano Vivinet, Alessandro Zorat, Massimo Zotti

Editing

Nicola Villa

Je-LKS

Journal of e-Learning and Knowledge Society

The Italian e-Learning Association Journal

Vol. 13, n. 3, 2017

pag.	5	N. Villa The issue
EMEMITALIA Conference 2016: Best Papers		
pag	9	M.C. Catone, P. Diana Social Research Methods 2.0: e-learning design
pag	23	G. Fenu, M. Marras, M. Meles A Learning Analytics Tool for Usability Assessment in Moodle Environments
pag	35	C. Petrucco, C. Ferranti Developing Critical Thinking in online search
pag	47	G. Berizzi, E. Di Barbora, M. Vulcani Metacognition in the e-learning environment: a successful proposition for Inclusive Education
pag	59	M. Marchisio, S. Rabellino, E. Spinello, G. Torbidone Advanced e-learning for IT-Army Officers through Virtual Learning Environments
pag	71	V. Rossano, E. Pesare, T. Roselli Are Computer Adaptive Tests suitable for assessment in MOOCs?
pag	83	M. Cinque MOOCs and Soft Skills: a comparison of different courses on Creativity
pag	97	A. Poce, F. Agrusti, M.R. Re MOOC Design and Heritage Education. Developing Soft and Work-based Skills in Higher Education Students
pag	109	A. Barana, A. Bogino, M. Fioravera, M. Marchisio, S. Rabellino Open Platform of self-placed MOOCs for the continual improvement of Academic Guidance and Knowledge Strengthening in Tertiary Education
Peer Reviewed Papers		
pag	121	A. Carbonaro Peer assessment to promote Deep Learning and to reduce a Gender Gap in the Traditional Introductory Programming Course
pag	131	A.M. Ortiz Colon, I.M. Muñoz Galiano, M.J. Colmenero-Ruiz Impact of the Flipped Classroom Model and Collaborative Learning in Childhood Teaching University Degree