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| DANCING TOWARD AN ENTREPRENEURIAL ORIENTATION: EXPERIENTIAL<br>EDUCATION AND THE ART OF NETWORKING<br>J. Southerland, M.T. Felts   | 1817 |
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| <b>MECHATRONICS AT THE ENGINEERING SCHOOL OF THE UNIVERSITY OF BERGAMO</b><br><i>P. Righettini, R. Strada, M. Rossetti, A. Gotti, S. Castelletti</i>   | 1827 |
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| IMPLEMENTATION OF ICT LEARNING CONTENT TO PROMOTE CRITICAL<br>DISCOURSES WITHIN CLASSROOM FOR SOCIAL INCLUSION AND PEACE<br>PROMOTION<br>S. Ali, M. Syed, M. Maqsood   | 1845 |
| INVESTIGATING ACADEMIC VOCABULARY AMONG MIDDLE-SCHOOL ARABIC<br>NATIVE SPEAKERS<br>B. Makhoul  | 1852 |
| CHALLENGES IN THE CREATION AND DEVELOPMENT OF A MATHEMATICS MOOC<br>P. Lopes, F. Soares, I. Vieira   | 1862 |
| CULTIVATING ASSISTIVE TECHNOLOGY EXPERTISE IN PRE-SERVICE TEACHERS<br>THROUGH A PROFESSIONAL DEVELOPMENT MODEL<br>L. King, J. Williams   | 1868 |
| <b>DESIGNING VIDEO LECTURES FOR MOOC</b><br>F. Soares, A.P. Lopes, I. Vieira   | 1873 |
| TOWARDS BETTER LEARNING SCENARIOS FOR CULTURAL DIVERSITY AND MEDIA<br>LITERACY   | 1879 |
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| HERMES: DIGITAL COMMUNICATION FOR EVERYBODY. SOCIALLY RESPONSIBLE<br>ACADEMIC PRACTICES AT THE COMPUTER SCIENCE SCHOOL OF THE UNLP,<br>ARGENTINA<br>C. Queiruga, I. Harari, J. Rosso   | 1885 |
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| TRANSFORMING URDU LANGUAGE CLASSROOM TO PROVOKE CRITICAL THINKING<br>OF STUDENTS THROUGH INTRODUCTION OF DIGITAL CONTENT AND<br>COLLABORATIVE LEARNING ENVIRONMENT<br>S. Ali, M. Syed, M. Maqsood   | 2012 |
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