

program & abstract book



INTERNATIONAL SYMPOSIUM ON

OPEN, DISTANCE AND
E-LEARNING 2007
(ISODEL 2007)

Denpasar • Bali, 13-15 November 2007
Indonesia

The Emerging Technology For Teaching and Learning :
A New Paradigm of Learning

Hosted by
ICT Center for Education,
Ministry of National Education, Republic Indonesia



THE WORLD BANK



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Universitas Terbuka

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2. Title : *Open, Distance and E-Learning (ODEL) in Higher Education: Policy and Implementation*
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3. Title : *Open Education Resources (OER) for Indonesia: What? When?*
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6. Title : *DBE2 Interactive Audio Instruction for Kindergarten Program*
Name : Andrea Osborne - Smith
Institution : DBE 2 Project
7. Title : *The Use of Data Grid Technology to Support E-Learning Environment*
Name : Zaenal A Hasibuan
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8. Title : *Quality Assurance of Open, Distance and E-Learning (ODEL) in Equivalency Education*
Name : Ella Yulaelawati
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9. Title : *Learner Centered Education in The Knowledge Edge*
Name : Joseph Rota
Institution : Ohio University, USA
10. Title : *E-Learning : Multimedia Application in Digital Signal Processing Class to Improve the Quality and Quantity of Student Grade*
Name : Linawati
Institution : Udayana University, Bali Indonesia

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Institution : Open University Malaysia
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Name : Nova Ramos
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Name : Chatchai Rakthin
Institution : Mahasarakham University, Thailand
14. Title : *E-Learning Implementation at Indonesian Universities : Policy Issues and Challenges*
Name : T. Basaruddin
Institution : University of Indonesia
15. Title : *Learning Pattern by Using Suitable Communication Technology and Information Under Violence Situation in Thailand*
Name : Ritthiwut Puwapat
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16. Title : *Inter-Schools Tele-collaboration Through e-dukasi.net : A Field Trial Report*
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17. Title : *Towards Establishment of Bandung Institute of Technology E-Learning Center*
Name : Jaka Sembiring
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Name : Sri Dadi Pudjo Suparto
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Name : Abbas Sadri
Institution : ISESCO, Iran

21. Title : *Kutahu as An E-Learning Application to Support Learning Process*
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 Institution : Agency for Assessment and Application of Technology Indonesia
22. Title : *A Southeast Asian eSolution for the Continuing Professional Development of School Heads*
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 Institution : SEAMEO INNOTECH
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24. Title : *Implementation*
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25. Title : *Implementation Development of ICT Based Learning and School Management at Senior Secondary Schools*
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 Institution : MARA University of Technology Johor Malaysia
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 Name : Lim Cher Phing
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 Name : Tilden Wu
 Institution : Manager World Ahead, APAC Solution Intel

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Institution : Ministry of Communication and Information
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38. Title : *Implementation*
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39. Title : *Use of New Technology in Education*
Name : Tajdar Alam
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Name : Ida Karnasih
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On-Line Teaching and Learning in Primary Mathematics: Professional Development Program for South East Asian Teachers

Ida Karnasih, Teoh Boon Tat, and Michael Liau Tet Loke

On-line teaching and learning in mathematics education in primary school have emerged as major issues for consideration in this part of the world. Technology in its myriad proposals and applications must of necessity be developed satisfactorily and sufficiently to be of use to mankind. It is imperative that primary schools and institutions be aware of what is happening and be able to immerse themselves completely in research and change. The use of on-line learning is important in many areas. Such needs and clarifications have been spelt out precisely and pragmatically as the surfacing options to be addressed globally. Thus, such regional conceptualizations and constructs can be best solved through on-line teaching and learning, and through exposures and instructions in professional development programs in RECSAM for Southeast Asian teachers and educators. Undoubtedly this paper will examine those factors which will help to promote, foster and develop on-line teaching and learning implementation in primary mathematics classrooms to face needs as they arise.

Key words: On-line teaching and learning, professional development, RECSAM, Primary Mathematics

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