INTERNATIONAL SYMPOSIUM ON
OPEN, DISTANCE AND E-LEARNING 2007
(ISODEL 2007)

Denpasar - Bali, 14-15 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
PARALLEL SPEAKERS

1. Title: Hungarian Experiences and Innovation and E-Learning
   Name: Zoltan Butsi
   Institution: Pannon University, Hungary

2. Title: Open, Distance and E-Learning (ODEL) in Higher Education: Policy and Implementation
   Name: Tresna Dermawan Kunaefi
   Institution: Director of Academic, Directorate General of Higher Education, MONE RI

3. Title: Open Education Resources (OER) for Indonesia: What? When?
   Name: Stephen Anzalone
   Institution: Director Center for Multichannel Learning, Education Development Center Washington DC, USA

4. Title: Technology
   Name: Bob Spielvogel
   Institution: Education Development Center Inc, USA

5. Title: School of Agriculture and Rural Development
   Name: A.Q.M Bazrul Rashid
   Institution: Bangladesh Open University

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
   Institution: University of Indonesia

8. Title: Quality Assurance of Open, Distance and E-Learning (ODEL) in Equivalency Education
   Name: Ella Yulaelawati
   Institution: Director of Equivalency Education, Directorate General of Non Formal and Informal Education, MONE RI

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
11. Title: Affordable E-Learning Using Google Tools and Web Resources: A Pilot Project  
   Name: John Arul Phillips  
   Institution: Open University Malaysia

12. Title: Adaptive Learning Model Community Based Natural Resource Management (CBNRM) Researchers and Practitioners in Southeast Asia  
   Name: Nova Ramos  
   Institution: SEAMEO - SEARCA, Philippines

13. Title: Implications and Issues in Implementing E-Learning Contents Using DIY (Do It Yourself) Approach: A Case Study of Mahasarakham University  
   Name: Chatchai Rakthi  
   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: Rithiwut Puwapat  
   Institution: Princess of Naradhiwas University

16. Title: Inter-School Tele-collaboration Through e-dukasi.net: A Field Trial Report  
   Name: Rusjdy. S. Arifin  
   Institution: Head of Division Information Technology ICT Center for Education, MONE - RI

17. Title: Towards Establishment of Bandung Institute of Technology E-Learning Center  
   Name: Jaka Sembiring  
   Institution: Bandung Technology Institute

18. Title: Promoting A Web Based Learning an Innovation Approach and Family Planning Learning System  
   Name: Sri Dadi Pudjo Suparto  
   Institution: Jakarta State University

19. Title: Study of Information and Communication Technology (ICT) Infrastructure Readiness and Utilization in the Six Institution Offering Hybrid Learning for Elementary teacher (HyLITE) Program in Indonesia  
   Name: Herman, Dina Mustafa, Abu Bakar Alatas, Ade Yusuf  
   Institution: SEAMOLEC Team

20. Title: How to Assure Quality in Multimedia Approaches?  
   Name: Abbas Sadri  
   Institution: ISESCO, Iran

21. Title:  
   Name:  
   Institution:  

22. Title:  
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<table>
<thead>
<tr>
<th>Title</th>
<th>Name</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>21. Kutahu as An E-Learning Application to Support Learning Process</td>
<td>Wenwen Ruswendi and Yanti Susanti</td>
<td>Agency for Assessment and Application of Technology Indonesia</td>
</tr>
<tr>
<td>22. A Southeast Asian eSolution for the Continuing Professional Development of School Heads</td>
<td>Pierangelo B Alejo</td>
<td>SEAMEO INNOTECH</td>
</tr>
<tr>
<td>23. The Design and Implementation of An Adaptive E-Learning System</td>
<td>Herman Dwijono</td>
<td>Yogyakarta State University</td>
</tr>
<tr>
<td>24. Implementation</td>
<td>Abtar Kaur</td>
<td>Open University Malaysia</td>
</tr>
<tr>
<td>25. Implementation Development of ICT Based Learning and School Management at Senior Secondary Schools</td>
<td>Sungkowo dan Purwanto Subroto</td>
<td>Directorate High School Supervision and Development</td>
</tr>
<tr>
<td>27. Policy</td>
<td>Agung Purwadi</td>
<td>Research and Development Agency MONE-RI</td>
</tr>
<tr>
<td>28. Policy</td>
<td>Mas Wigrantoro Roes Setiyadi</td>
<td>Chief Operation Officer, Mastel</td>
</tr>
<tr>
<td>29. Effective Management and Application of ICT in Collaborative and E-Learning for Adult Learners in Tertiary Education in the Malaysian Public Universities</td>
<td>Lee Tan Luck</td>
<td>MARA University of Technology Johor Malaysia</td>
</tr>
<tr>
<td>30. Supporting Technology Use In Schools With A Public-Private Partnership: A Study of Five Asia Countries</td>
<td>Lim Cher Phing</td>
<td>Edith Cowan University AUS</td>
</tr>
<tr>
<td>31. Building the Future on Knowledge</td>
<td>Tilden Wu</td>
<td>Manager World Ahead, APAC Solution Intel</td>
</tr>
</tbody>
</table>
32. Title: Toward a New e-Learning Paradigm Through Integrated Technology and Standard
Name: Abdullah Alkatf
Institution: Sepuluh November Institute

33. Title: The Role of Cable Radio in Disseminating Information and Advancing Awareness of Low Level Employees in SIER Industrial Area of Surabaya
Name: Anang Sujoko and Fitri Hariana Oktaviari
Institution: Brawijaya University

34. Title: Quality Management for Ubiquitous Learning
Name: Suhono Harso Supangkat
Institution: Ministry of Communication and Information

35. Title: The Best of Both Worlds in Next Generation Distance Learning: How Meditations Improve EQ (Emotion Quotient) Effectiveness in e-Learning
Name: Suporn Limarre
Institution: Mahasharakam University, Thailand

36. Title: Student's Perception on Distance Learning in Higher Educational institution
Name: Nik Adzrimen Bin Abd. Rahman, Halimah Binti Abdul Manaf, Nur Syakiran Akmal binti Ismail
Institution: Northern of Malaysia University

37. Title: The E-Learning Implementation Scenarios: Which Path Do you Like To Follow
Name: Rijanto Purbojo
Institution: Pelita Harapan University

38. Title: Implementation
Name: Gary Tan
Institution: Raffles International School

39. Title: Use of New Technology in Education
Name: Tajdar Alam
Institution: Managing Director Virtual University of Pakistan

40. Title: Online Teaching and Learning in Primary Mathematics: Development Program for South East Teachers
Name: Ida Karnasih
Institution: SEAMEO RECSAM
abstract

1. Issuing Jung
Quality Assurance in Open, Distance, and E-Learning

2. Man Chu Chang
The Use of ICT in Education: The Importance of Teacher Professional Development

3. Fazil Jalal
Improving the Quality of Teachers in Indonesia through the Use of ICT

4. Indra Uluoyo
TELKOM E-Learning Implementation

5. Seiyo Soemaritno Brödjonengro
E-Learning in Indonesia: Development and Quality Assurance

6. Pauline Parthen
Issues and Challenges of Providing ICT-based Teacher Training in Indonesia

7. Ramlal Bahroom
ICT and e-Learning in ODL: The Experience of Open University Malaysia

8. Kenny Ng

9. Ria Suparman & Ann Zuhaiti
Current Development in Open and Distance Learning and Its Position in The Existing Educational System in Indonesia

10. Dodi Nandika & Soekartaw
The Power of Distance Learning: Indonesia Experiences

11. Lili Ginting HA
Utilization of ICT for Education: Indonesia Case

12. Tadayoshi Ushigawa
Potential of e-Learning for Higher Education: Experiences from IT literacy education at Kumamoto University and activities to promote e-Learning for university and international community

13. Akira Ichikawa
Individual property and Information Security Ethics in Digital Open and Distance Learning

14. John, M. Keller
Supporting Student Motivation and Volition: A Key Issue in Implementing and Sustaining ODL

15. Zoltan Budei
Hungarian Experiences and Innovation in e-Learning

16. Tresna Dermawan Kunasti
Open, Distance and E-Learning (ODEL) in Higher Education: Policy and Implementation

17. Stephen Ansalone
Open Education Resources (OER) for Indonesia: What? When?

18. A.Q.M. Riazur Rashid & Md. Rakibur Rahman
Strategic Interactions of Open and Distance Learning in Bangladesh Open University

19. Andrea Osborne - Smith
Elate Technology to Enhance Basic and Early Childhood Education: Exploiting the Potential of Interactive Whiteboards in Indonesia

20. Zainal A. Nasrullah
The Use of Data Good Technology to Support E-Learning Environment

21. Elia Yubaharasti
Quality Assurance of Open, Distance and E-Learning (ODEL) in Equivalency Education

22. Josep Rota and Sandra Turner
Learning Commons Education in the Knowledge Age

23. Llewellyn Deves Mdwihare
E-Learning: Multimedia Application in Digital Signal Processing Class to Improve the Quality and Quantity of Student's Grades

24. John Aul Phillips
Affordable E-Learning Using Google Tools and Web Resources: A Pilot Project

25. Maria Celeste H. Cadiz, Cecile S. Torees, Luningning A. maduluc & Welnredo F. Daghi
Adaptive Learning Model for Community-Based Abrasive Resource Management (CNABRM): Researchers and Practitioners in Southeast Asia

26. Chatchai Rakthinh
Implementation of E-Learning Contents Using DIY (Do It Yourself) Approach: A Case Study of Mahasarakham University

27. T. Basaruddin
E-Learning Implementation at Indonesian Universities: Policy Issues and Challenges

28. Rithiwiwat Puwapat
Learning Pattern by Using Suitable Communication Technology and Information under Violence Situation in Thailand

29. Rusidy, S. Affin
Inter-Schools Tele-collaboration through e-dikasi.net: A Field Trial Report

30. Jaka Sensiring
Towards Establishment of Bandung Institute of Technology E-Learning Center

31. Herman, Dina Mustafa, Abu Bakar Alatas, Ade Yusuf
Study of Information and Communication Technology (ICT) Infrastructure Readiness and Utilization in the Six Institution Offering Hybrid Learning for Elementary Teachers (WYLT:EL Program in Indonesia)

32. Abbas Badri
How to Assess Quality in Multimedia Approaches?

33. Wenny Ruswendi & Yanti Susanti
Math as an E-Learning Application to Support Learning Process

34. Pierangelo B Aliej
A Southeast Asian eSchool for the Continuing Professional Development of School Heads

35. Herman Dwi Surjono
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36. Sungkowow & Purwanto Subroto
Implementation Development of ICT-Based Learning and School Management at Senior Secondary Schools

37. Lee Tim Luck
Effective Management and Application of ICT in Colombo and E-Learning for Adult Learners in Tertiary Education in the Malaysian Public Universities

38. Lin Cher Phing
Supporting Technology Use in Schools with a Public-Private Partnership: Experiences in South East Asia

39. Tilden Wu
Building the Future on Knowledge

40. Abdullah Alkaff, Achmad Jazitza & Yusuf Bilasaj
Toward a New e-Learning Paradigm Through Integrated Technologies: An Aid

41. Ang Sutoko and Pari Hafizan Oktawan
The Role of Computer Recip in Promoting Information and Advancing Awareness of Low Level Employees in SIER Industrial Area of SunBay

42. Suporn Limmuree
The Best of Both Worlds in Next Generation Distance Learning: How Mediations Improve EQ (Emotional Quotient) Effectiveness in E-Learning

43. Halimah Binti Abdul Mansor, Nur Syakirin Akmal binti Ismail & Nik Azmirani bin Abd. Rahman
Student's Perception on Distance Learning in Higher Educational Institution University Utara Malaysia

44. Rijanto Purbojo
The E-Learning Implementation Scenarios: Which path do you like to follow?

45. Tajdar Alam
Use of New Technologies in Education

46. Ida Karnaush
On-line Teaching and Learning in Primary Mathematics: Development Program for South East Asia Teachers
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.

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