

## **SICET/AECT 2012 Convention**

Louisville, Kentucky

The Eighth SICET Annual International Convention was successfully held jointly with 2012 AECT International Convention 'Learning in the Age of Globalization' in Louisville, Kentucky on October 30th – November 3th, 2012. About forty scholars from US, mainland China, and Taiwan took part in the SICET Luncheon on Thursday noon. They really enjoyed the gathering.

The keynote speaker, Dr. Mingzhang Zuo, discussed the development of technical facilities and networks at county/district levels in China, as well as the status and future trends of educational technology integration in the classroom. The Second keynote, Dr. Heping Hao, Advisor of China Education TV, presented for the president of CETV, Mrs. Ning Kang, introduced China National Education Emerging Media Platform and discussed its future development.

SICET hosted 13 concurrent presentations and 8 round-table presentations. These presentations discussed different aspects of technology integrations in educational settings. During the General session, Harrison and Shuyan introduced International Conference of Educational Innovation through Technology (EITT) held in Beijing during the past summer, as well as the planning schedule for next year. Harrison also reported the development of JETDE. Shuyan reinforced the future goals of SICET and granted the recognition certificates to the board members for their excellent jobs.

The presentation topics and abstracts are listed below for your interests.

### **SICET Keynote:**

#### **Construction and Application of Regional Educational Technology in China**

Presenter: Mingzhang Zuo, Central China Normal University, China

Timeblock: 10:30 AM - 11:30 AM, Nov. 1

Description: This presentation discussed the development of technical facilities and networks at county/district levels in China. It also discussed the present status and future trends of educational technology integration in the classroom.

### **SICET Invited Speakers:**

#### **China National Education Emerging Media Platform--Today and Future**

Presenters: Dr. Heping Hao, Advisor of China Education TV

Timeblock: 10:30 AM - 11:30 AM, Nov. 1

Description: This presentation introduced the current status and future development of China National Education Emerging Media Platform.

### **Roundtable and Poster Sessions:**

#### ***1. Enhancing Globalized Experiential e-Learning through Virtual Field Trips***

Presenter: Li-Shan Eva Tao, ISU

Timeblock: 1:00 PM - 2:00 PM, Nov. 2

Abstract: Some subjects such as culture are intangible and difficult to imagine without traveling. The Virtual field trip brings different world to the classroom and allows students to

engage the environment in real time without traveling concerns. This study introduces a teaching method using streaming technology in a high school setting to enhance students learning about landfills in an environmental sciences class.

**2. *Language Learning in Real Contexts with Mobile Devices***

Presenter: Sirui Wang, University of Southern Mississippi; Shuyan Wang, University of Southern Miss

Timeblock: 1:00 PM - 2:00 PM, Nov. 2

Abstract: This presentation would discuss how mobile devices contextualize language learning in the mobile learning era. With the features of flexibility, effectiveness, and interactivity, mobile learning can facilitate learners' language usage in the authentic language environments and help language gain naturally. Issues and future trend of contextualization of language learning through mobile devices would also be discussed.

**3. *QR Code: a Bridge between Online and Offline Media***

Presenter: Hengtao Tang, University of Southern Miss; Shuyan Wang, University of Southern Miss

Timeblock: 1:00 PM - 2:00 PM, Nov. 2

Abstract: As a flexible application of Augmented Reality technology, QR code is defined as paper-based hyperlink and a bridge between online and offline media. It demonstrates a promising future in education by increasing students' interests and motivations in learning despite of challenges from privacy and content safety. This presentation will demonstrate what QR code is, its advantages and examples of being integrated in curriculum, and discussion of its current use, challenges, and future in education.

**4. *The effect of types of questions on students' interactions during asynchronous online discussions in a Chinese online course***

Presenter: Ninghua Han, Texas Tech University; Nancy Maushak, Texas Tech University

Timeblock: 1:00 PM - 2:00 PM, Nov. 2

Abstract: This study examined two types of discussion questions: (a) debating questions and (b) student-generated questions and the effect on students' interactions during asynchronous online discussions in a Chinese online course. The quality, number, and length of students' replies were analyzed to study students' interactions. The findings indicated that student-generated questions could improve both the quality and the number of students' replies. However, the length of replies showed no difference between the debating questions and student-generated questions.

**5. *A Case Study of A High School Blended Language Program***

Presenter: Yao Tu, University of Kansas

Timeblock: 1:00 PM - 2:00 PM, Nov. 2

Abstract: This presentation will report a case study investigating a Chinese language program that used three-way blended instruction to expand accessibility to high school students in rural areas. Participants will be engaged in discussions of their perceptions and experiences with

blended learning and ways of utilizing technologies to connect the language classroom globally.

**6. *Research and Design A Class Management System***

Presenter: Congwu Tao, Virginia Tech; Guoqiang Cui, Montclair State University; Yanzhu Wu, Virginia Tech; Wei Li, Virginia Tech; Xin Chen, Virginia Tech

Timeblock: 1:00 PM - 2:00 PM, Nov. 2

Abstract: The class management system (CMS) will provide a platform for interaction among students and instructors in common colleges.

**7. *Research and Design A Personalized Intelligent Learning System Based on Learner Style***

Presenter: Congwu Tao, Virginia Tech; Guoqiang Cui, Montclair State University; Wei Li, Virginia Tech; Yanzhu Wu, Virginia Tech; Xin Chen, Virginia Tech

Timeblock: 1:00 PM - 2:00 PM, Nov. 2

Abstract: The paper focuses on researching and designing a personalized intelligent learning system which supports individual learning effectively.

**8. *Why Social Media matters? – About Facebook is blocked in main-land China.***

Presenter: Yun Lauren Liu, Emporia State University

Timeblock: 1:00 PM - 2:00 PM, Nov. 2

Abstract: Social Media is important at the age of globalization, with Twitter, Facebook and Hi5 being the most popular used. Surprisingly, Facebook is blocked in main-land China, and a website Renren is similar to Facebook as the most popular social networking. The research will discuss about the reasons why Facebook is blocked in main-land China, the difference between Facebook and Renren, the influence of the blocking and people's perspectives about Facebook's use.

**Concurrent Sessions:**

**1. *An integrated assessment model for implementing sustainable technology-based teaching and learning initiatives***

Presenter: Ying Wang, Northwestern College; Tanya Grosz, Northwestern College; Michael Wilder, Northwestern College

Timeblock: 1:00 pm to 2:00 pm, Oct. 31

Abstract: Assessment plays an important role in creating sustainable technology-based teaching and learning initiatives. This presentation is to report an integrated assessment model used for a blended learning initiative at a private college in the Midwest of the United States. The model is based on Kirkpatrick's four levels of training evaluation and includes: Level 1, Faculty experience; Level 2, Faculty learning; Level 3, Changes in instructional practices; Level 4, Impact on student learning; and Level 5, Institutional impact.

**2. *A Co-teaching Model between Pre-service Teachers and Rural Elementary School Teachers for Cross-cultural Online Collaboration***

Presenter: Chun-Min (Arthur) Wang, National Hsinchu U. of Ed.

Timeblock: 2:15 pm to 3:15 pm, Oct. 31

Abstract: The purpose of this study is to evaluate a co-teaching model between pre-service teachers and rural elementary school teacher for cross-cultural online collaboration. The main participants were two classes of fourth graders from the United States and Taiwan. By interviewing the teachers, pre-service teachers, and fourth graders, the findings of this study are expected to enhance pre-service teacher training program and nurture rural elementary school children to be better prepared for the future globalized society.

### **3. *Connecting a Community of Learners with Modeling Design***

Presenter: Hong Wang, Kansas State University

Timeblock: 3:30 pm to 4:30 pm, Oct. 31

Abstract: This presentation will showcase how a design project has engaged and connected faculty members into a community of learners, exploring and sharing best practices in online teaching at a university. After a brief literature review on the differences between face-to-face teaching and online instruction to show the importance of preparing effective online instructors, the author presents the online training modules that connect online instructors as a community of learners.

### **4. *Seeking Approaches to Enhance Shareability of Open e-Courses in China from Pedagogical and Technical Perspectives***

Presenter: zhiting Zhu, mingzhuo liu, Distance Education College of East China Normal University

Timeblock: 3:30 pm to 4:30 pm, Oct. 31

Abstract: This proposal is a top-level design and co-ordination planning to enhance the shareability of open e-courses in China for Top-Quality Open e-Courses constructing project launched by Ministry of Education since 2003. It proposes a conceptual model including four major shareable components. With this model, universal structure of an e-course, critical metadata and some pedagogical design patterns are proposed for the designers, instructors and technical developers.

### **5. *Understanding by Design on Web 2.0 Tools for Educators***

Presenter: Harrison Hao Yang, State University of New York at Oswego; QingTang Liu, Central China Normal University; Di Wu, Central China Normal University

Timeblock: 1:00 pm to 2:00 pm, Nov. 1

Abstract: The challenge of how to effectively guide those non-experienced pre- and in-service teachers to integrate the new and emerging Web 2.0 technologies in their practices has always been remaining. This study presents how an instructional approach, which incorporated Wiggins & McTighe's "backwards design" and "Six Facets of Understanding," has been implemented into one educational technology online course. It also examines the effects of such an approach on various forms of teacher's knowledge among participants.

### **6. *Using Wikis in promoting collaboration: two cases***

Presenter: Jiyu P. You, The University of Toledo; Mingli Xiao, The University of Toledo; Berhane Teclehaimanot, University of Toledo

Timeblock: 1:00 pm to 2:00 pm, Nov. 1

Abstract: Collaborative learning with new technologies to engage students has been one of the new

trends in education settings. Among which, the study of incorporation of wikis, one of the Web 2.0 technologies for both online and hybrid courses to promoting collaboration among students, has been the main focus of many educators recently. This study examines the effectiveness of the Wiki tool in Blackboard. The results indicate that pre-group activities are necessary to help students get started with their Wiki group project and Blackboard Wikis are effective in promoting online collaboration.

**7. *The factors on promoting Interactive Whiteboard to junior high schools teachers - A View from Technology Acceptance Model 3***

Presenter: CHENG-HSIN (ALAN) KU, Soochow University

Timeblock: 2:15 pm to 3:15 pm, Nov. 1

Abstract: The research would like to adopt TAM 3 and Structural Equation Model to assess the usage of IWB from those junior high school teachers in Taipei City. The results are expected to indicate the key factors on promoting IWB to junior high schools teachers in 12-year compulsory education.

**8. *Game Modding for Non-Professionals (GNMP): Can Teachers Modify Games for Instruction?***

Presenter: Bilal K Younis, Palestinian Technical College; Christian Sebastian Loh, Southern Illinois University Carbondale

Timeblock: 8:00 AM - 9:00 AM, Nov. 2

Abstract: Can school teachers be trained to modify Commercial Off-The-Shelf (COTS) games for classroom instruction? While searching for an appropriate instructional design model to do the seeming impossible task, we found no available model which could be adapted for our purposes. Can school teachers, who have little programming skills, modify digital games for instruction? Such is our challenge in developing the "Game Modding for Non-Professionals" (GNMP) model for Palestinian teachers.

**9. *Perceptions about Mobile Phone Use: A Comparison of Chinese and American College Students***

Presenter: Barbara Rosenfeld, Brooklyn College; Sharon Anne OConnor-Petruso, Brooklyn College CUNY; Dan Wei, University of Notre Dame

Timeblock: 9:15 am to 10:15 am, Nov. 2

Abstract: Mobile phones are used around the world, however, there are no definitive rules regarding their appropriate use. In the absence of such codification, the researchers used an international survey to understand the perceptions of Chinese and American college students' appropriate use of mobile phones both in the classroom and in other public places. Analyses of data will be reported. The presenters would like to encourage dialogue among members at the session to enrich the conversation.

**10. *Students' Characteristics, Locus of Control and Satisfaction with Online Courses***

Presenter: Guoqiang Cui, Montclair State University; Wei Li, Virginia Tech; Congwu Tao, Virginia Tech

Timeblock: 9:15 am to 10:15 am, Nov. 2

Abstract: The purpose of this study is to explore online students' characteristics, locus of control and students' satisfactions of online courses. For this purpose, this study specifically focuses on investigating relationship of locus of control with students' satisfaction in online learning, and

relationship between students' characteristics (age and gender) and their locus of control.

**11. *Facilitating online learning through synchronous technologies***

Presenter: Xiaoxue Wang, Florida Gulf Coast University; Mary L McDowell Lefaiver, Florida Gulf Coast University; Dave Jaeger, FGCU; Amy Rothenberg, FGCU; Pauline Courchene, FGCU; Melody Hazeltine, FGCU

Timeblock: 10:30 am to 11:30 am, Nov. 2

Abstract: Effective facilitation of online learning is a big challenge to many online educators and is vital to the success of all online educational technology programs. Synchronous technologies such as Adobe Connect can effectively address many observed online learning problems. This presentation share with the audience Do's and Don'ts of using Adobe Connect to facilitate online learning in a graduate course of educational technology program with examples from the students.

**12. *Online Courses Design: Strategies and Practices***

Presenter: Shuyan Wang, University of Southern Miss

Timeblock: 10:30 am to 11:30 am, Nov. 2

Abstract: This presentation discusses the strategies and practices of designing, developing, and delivering a technology-enriched online course. Teaching strategies and practices as well as different communication tools and issues/concerns when integrating these tools into an online class are illustrated with actual examples used in a graduate online class. This presentation intends to demonstrate how to create an effective online learning environment and teach efficiently.

**13. *The Construction and Empirical Analysis on the Indicators of Taiwan Technological and Vocational College Students' Basic Ability for Employability in Civil Engineering for the ESCR Technology***

Presenter: Hsin-Tzu (Tommy) Chen, Chinese Culture University; Chien-Cheng Chang, Chinese Culture University; Cheng-I Lai, National Taiwan University of Science and Technology

Timeblock: 2:15 pm to 3:15 pm, Nov. 2

Abstract: This research attempts to understand the ability of Taiwan Technological and Vocational College students of Civil Engineering for the technology in terms of Energy Saving and Carbon Reduction (ESCR) and what kind of employment knowledge and ability of college students should have. This research project was sponsored by National Science Council, from year 2011 to 2013, the main purpose of this research is to focus on the cultivation of human resource and to enhance the ability for students.

**SICET General Session:**

2:15 pm to 3:15 pm, Nov. 2

The general session reported the SICET's progress achieved last year, especially the International Conference of Educational Innovation through Technology (EITT) held in Beijing. During the session, both the president and vice president also reported the future planning for the next conference to be held in Virginia in 2013. Awards were also delivered to committee members.