

# International Conference on Informatics Education & Research

**December 9-11, 2005**  
Las Vegas, Nevada USA

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## *Program at a Glance*

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### **Friday, December 9**

Board Meeting  
1:00 - 6:00 pm

Opening Reception  
6:30 - 8:30 pm

### **Saturday, December 10**

Session 1  
8:30 - 9:30 am

Session 2  
9:45 - 10:45 am

Session 3  
11:00 - 12:00 pm

Session 4  
1:30 - 2:30 pm

Session 5  
2:45 - 3:45 pm

Session 6  
4:00 - 5:00 pm

### **Sunday, December 11**

Session 7  
8:30 - 9:30 am

Session 8  
9:45 - 10:45 am

Session 9  
11:00 - 12:00 pm

Session 10  
1:45 - 2:55 pm

Session 11  
2:00 - 3:30 pm

Session 12  
3:05 - 4:15 pm

Session 13  
4:30 - 5:30 pm

Closing Reception  
5:30 - 6:30 pm

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## Friday, December 9

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**IAIM Board Meeting (1:00 - 6:00 pm)** Murano 3204

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**Opening Reception (6:30 – 8:30 pm)** Murano 3204

Sponsored by AIS SIGED: IAIM

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## Saturday, December 10

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**Continental Breakfast (7:00 - 8:00 am)** Murano Foyer

Sponsored by AIS SIGED: IAIM

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**Opening & Greeting (8:00 - 8:15 am)** Murano 3202

Roy Johnson, Georgia State University

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**Break (8:15 - 8:30 am)** Murano Foyer

Sponsored by AIS SIGED: IAIM

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### Sessions 1 (8:30 - 9:30 am)

**1a - Curriculum Issues** (Murano 3202)

Session Chair: Mary Brabston, University of Manitoba

*Update on Accrediting IS and IT Programs: Consolidated Criteria and Implementation Flexibility*

Carolyn Jacobson, Marymount University and

George Kasper, Virginia Commonwealth University

**1b - Educational Technology** (Murano 3203)

Session Chair: Ravi Seethamraju, University of Sydney

*Using a Capstone Project to Examine Student Attainment of Program Learning Outcomes*

Meg Murray, Kennesaw State University

**1c - Pedagogical Issues** (Murano 3204)

Session Chair: Michael Cuellar, Georgia State University

*Publishing in IS/IT Education Journals*

Tom Case, Managing Editor, Journal of Informatics Education & Research

Eli Cohen, Editor, Journal of Information Technology Ed.

Mary Granger, Editor, Journal of Informatics Ed. & Research

Al Harris, Editor, Journal of Information Systems Education

Jackie Harris, Assistant Editor, Journal of Information Systems Education

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**Coffee Break (9:30 - 9:45 am)** Murano Foyer

Sponsored by City University of Hong Kong

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### Sessions 2 (9:45 - 10:45 am)

**2a - Curriculum Issues** (Murano 3202)

Session Chair: Albert Harris, Appalachian State University

*Natural learning and its impact on information management curriculum design*

A.W. Abcouwer, K.N. Abcouwer, Universiteit van Amsterdam

*Determining the business content in the IS curriculum: A South African perspective*

Johan van Loggerenberg and Carina de Villiers, University of Pretoria

**2b - Educational Technology** (Murano 3203)

Session Chair: Stephen Du, Georgia State University

*Collaborative Learning in an e-Learning Environment: a Case Study*

Carina de Villiers and Herman Grobler, University of Pretoria

*Factors Influencing Distance Learning Intentions*

Craig Van Slyke, University of Central Florida,

Geoff Dick, University of New South Wales, and

Thomas Case, Georgia Southern University

**2c - Pedagogical Issues** (Murano 3204)

Session Chair: Doris Duncan, California State Univ., East Bay

*User Interface Design: Course and Curriculum*

Michael Eierman and Jakob Iversen, University of Wisconsin, Oshkosh

*Forcing Early Binding of Security Using a Design Reference Monitor Concept in Systems Analysis and Design Courses*

Corey Schou, Ken Trimmer, and Kevin Parker, Idaho State University

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**Coffee Break (10:45 – 11:00 am)** Murano Foyer

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**Sessions 3 (11:00 - 12:00 pm)**

**3a - Curriculum Issues** (Murano 3202)

Session Chair: Galen Crow, Illinois State University

*Review and Development of a Postgraduate Program in Information Systems*

Pamela Gibbons, Jan Seruga, Australian Catholic University

*MBA IT Curriculum Trends: An Analysis of Top-Ranked MBA Programs*

Elaine Naglic, NTELOS, and

Candace Deans, University of Richmond

**3b - Educational Technology** (Murano 3203)

Session Chair: Mary Granger, George Washington University *Student Attitudes toward In-Class Examination Software*

Lori Baker-Eveleth, Daniel M. Eveleth, Robert W. Stone, and Michele O'Neil, University of Idaho

*CASE Software Usage in the Classroom: Measurement Model Validation using Structural Equation Modeling*

Subhashish Dasgupta, Maliha Haddad, Peter Weiss, and Enrico Bermudez, George Washington University

**3c - Pedagogical Issues** (Murano 3204)

Session Chair: Heikki Topi, Bentley College

*Content versus Context in an Introductory Computing Course*

Richard Greci, John Carroll University

*Developing (and Assessing) Higher Order Thinking Skills in MIS Courses Using Cooperative Learning Teams*

Jeffrey Merhout, Miami University (OH), and

Jill Messaros, Fifth Third Bancorp

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**Buffet Lunch (12:00-12:30)** Murano 3205

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**20<sup>th</sup> Anniversary Celebration (12:30-1:00)**

Keynote: Roy Johnson, Founder

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### **Session 4 (1:30 - 2:30 pm)**

#### **4a - Curriculum Issues** (Murano 3202)

Session Chair: Hiro Takeda, Georgia State University

*Incorporating the 3 tier software architecture into an advanced Java programming course using J2EE*

Camille Rogers and Cindy Randall, Georgia Southern University

*Teaching the Unified Modeling Language: A Practitioners' Perspective*

Brian Dobing, University of Lethbridge, and

Jeffrey Parsons, Memorial University of Newfoundland

#### **4b - Educational Technology** (Murano 3203)

Session Chair: Meg Murray, Kennesaw State University

*Learning with laptops in undergraduate business education: student experience of a three year program*

Lorraine Fisher, Peter Keenan, Martin Butler, and Geraldine O'Neill, University College Dublin

*Pathway to Massive Mobility in Educational Computing*

Christian Wagner and Doug Vogel, City University of Hong Kong

#### **4c - Pedagogical Issues** (Murano 3204)

Session Chair: Toon Abcouwer, Universiteit van Amsterdam

*Academic Advising Services for IS Students: What are Student Expectations and what Support can Technology Provide?*

Craig Tyran and Steven Ross, Western Washington University

*Geeks, Girls and IT Courses: Patterns of Participation*

Judy McKay, Sue Lewis, and Catherine Lang, Swinburne University of Technology

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#### **Coffee Break (2:30 - 2:45 pm)** Murano Foyer

Sponsored by Joyce Johnson

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### **Sessions 5 (2:45 - 3:45 pm)**

#### **5a - Curriculum Issues** (Murano 3202)

Session Chair: Carina de Villiers, University of Pretoria

*Developing an Information Technology Forensics Course*

Nena Lim, University of Melbourne

*Combining Undergraduate Research Education and Human-Computer Interaction Research*

Mary Granger, George Washington University,

John Gould, Hope College, and

Matthew Schaefer, Valparaiso University

#### **5b - Educational Technology** (Murano 3203)

Session Chair: Geoffrey Dick, University of New South Wales

*Global Digital Divide: The Role of Socioeconomic Factors on Information Technology Usage and Expenditure*

James Pick and Rasool Azari, University of Redlands

*The Rise of the Silver Surfer: a Preliminary Study of Computers and the Internet as Providers of Information and Communication*

Melissa Raptis, Geoffrey Dick, University of New South Wales

#### **5c - Pedagogical Issues** (Murano 3204)

Session Chair: Nannette Napier, Georgia State University

*Are Students Learning And Retaining What We Are Teaching? Assessing the Use of Information Technology*

Nicole Koppel and Kimberly Hollister, Montclair State Univ.

*Improving Students' Learning through Constructive Alignment*

Willie Yip, The Hong Kong Polytechnic University

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**Coffee Break (3:45 - 4:00 pm)** Murano Foyer

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## **Sessions 6 (4:00 - 5:00 pm)**

### **6a - Curriculum Issues** (Murano 3202)

Session Chair: Michael Eierman, University of Wisconsin, Oshkosh

*The Introductory IS Course - Beyond Semantics*

Judy Wynekoop, Florida Gulf Coast University

*The Computer Literacy Course: Is It Still Needed*

Marcy Courier, Raymond Papp, University of Tampa

### **6b - Educational Technology** (Murano 3203)

Session Chair: Kenneth Trimmer, Idaho State University

*The Challenge of Digital Rights Management Technology to Teaching and Research in Universities*

Robert Rariden, Illinois State University

*Information Ethics: Researching the IS Professional's Decision Making Concerning Information Privacy*

Feng-Yang Kuo, National Sun Yat-Sen University, and

Cathy Lin, National University of Kaohsiung

### **6c - Pedagogical Issues** (Murano 3204)

Session Chair: Jan Seruga, Australian Catholic University

*Bridging Entity-Relationship and Relational Data Models*

Hsiang-Jui Kung Adrian Gardiner, Georgia Southern University, and Hui-Lien Tung, Paine College

*XML - An Essential Addition to the Database Systems Course*

Behrooz Seyed-Abbassi, University of North Florida

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## **Sunday, December 11**

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**Continental Breakfast (7:00 - 8:00 am)** Murano Foyer

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**Opening & Greeting (8:00 - 8:15 am)** Murano 3202

Roy Johnson, Georgia State University

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**Break (8:15 - 8:30 am)** Murano Foyer

Sponsored by AIS SIGED: IAIM

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## **Session 7 (8:30 - 9:30 am)**

### **7a - Curriculum Issues** (Murano 3202)

Session Chair: Candace Deans, University of Richmond

*Structuring and Representing a Unified Body of Knowledge for Computing*

Heikki Topi, Bentley College,

Russell Shackelford, ACM Education Board, and

Lillian Cassel, Villanova University

**7b - Pedagogical Issues** (Murano 3203)

Session Chair: Lori Baker-Eveleth, University of Idaho

*Developing a Program Assessment Process to Meet Accreditation Standards*

Marianne D'Onofrio, Central Connecticut State University,

Muhammadou Kah, American University-Nigeria,

Raymond Papp, University of Tampa, and

Bruce White, Quinnipiac University

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**Coffee Break (9:30 - 9:45 am)** Murano Foyer

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**Session 8 (9:45 - 10:45 am)**

**8a - Curriculum Issues** (Murano 3202)

Session Chair: Subhasish Dasgupta, George Washington Univ.

*Information Technology Employment Trends and Implications*

Galen Crow, Illinois State University and

Balakrishnan Muthuswamy, Independent Consultant

*Characteristics of US AACSB Institutions that teach Project Management Courses within the IS Curriculum*

Christopher Leverett, Georgia Southern University

**8b - Pedagogical Issues** (Murano 3203)

Session Chair: Enrico Bermudez, George Washington Univ.

*Use of Notes during Information Technology Exams Improves Student Performance: Fact or Fantasy*

Doris Duncan, California State University, East Bay

*Developing Testing Skills in an Introductory Programming Class*

Tamara Babaian and Wendy Lucas, Bentley College

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**Coffee Break (9:30 - 9:45 am)** Murano Foyer

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**Session 9 (11:00 - 12:00 pm)**

**9a - Curriculum Issues** (Murano 3202)

Session Chair: Richard Greci, John Carroll University

*Using the Case Method Teaching in an Online Asynchronous Learning Environment: Lessons Learned*

Albert Harris, Charlie Chen, Appalachian State University,

Rong-An Shang, Soochow University

*The hybrid course: Using asynchronous learning tools in the classroom*

James Novitzki, Johns Hopkins University

**9b - Pedagogical Issues** (Murano 3203)

Session Chair: Jeffrey Merhout, Miami University

*The Impact of Team Selection Methodology on Team Performance and Individual Team Member Satisfaction*

Christopher Street and Mary Brabston, University of Manitoba

*An Exploratory Study of the Influence of Group Formation Choices on Academic Performance*

Ravi Seethamraju and Mark Borman, University of Sydney

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**Lunch (12:00 - 12:30)** Casanova 303/304

Sponsored by Microsoft

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**Keynote (12:30 - 1:30)** Casanova 303/304

Keynote: Howard Schmidt

Sponsored by Idaho State University

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**Coffee Break (1:30 - 1:45 pm)** Casanova Foyer

Sponsored by Microsoft

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## **Session 10 (1:45 - 2:55 pm)**

**10a - Security: Industry & Research** (Casanova 303/304)

**IAIM/Microsoft (Panel)**

Session Chairs:

Stephen Kwan, San José State University, and  
Bradley Jensen, Microsoft

Panelists:

David Bray, Emory University,  
David Ladd, Microsoft,  
Kevin Moncreif, Ernst & Young, and  
Ray Strong, IBM, Alamden Lab

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## **Session 11 (2:00 - 3:30 pm)**

**11a - MSIS 2006 Graduate IS Curriculum** (Murano 3206)

**IAIM/ICIS Workshop**

Session Chair:

Roy Johnson, Georgia State University

Panelists:

John Gorgone, Bentley College  
Paul Gray, Claremont Graduate University  
Edward Stohr, Stevens Institute of Technology

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**Coffee Break (2:55 - 3:05 pm)** Casanova Foyer

Sponsored by Microsoft

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## **Session 12 (3:05 – 4:15 pm)**

**12a - Security: Curriculum** (Casanova 303/304)

**IAIM/Microsoft (Panel)**

Session Chairs:

Roy Johnson, Georgia State University, and  
Stephen Kwan, San José State University

Panelists:

Mary Culnan - Bentley College,  
Kurt Fenstermacher - University of Arizona,  
Corey Schou - Idaho State University, and  
Mark Weiser - Oklahoma State University

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**Coffee Break (4:15 - 4:30 pm)** Casanova Foyer

Sponsored by Microsoft

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## **Session 13 (4:30 - 5:30 pm)**

**13a - Security: Curriculum** (Casanova 303/304)

**IAIM/Microsoft**

Session Chair: Stephen Kwan, San José State University

*Security Progress at Microsoft*

David Ladd, Microsoft

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**Closing Reception (5:30 – 6:30 pm)** Casanova 305

Sponsored by Microsoft

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