

CSEE&T 2016 Session Schedule

Tuesday, April 5, 2016		
07:30~08:15	Registration	Cottonwood Foyer
08:00~08:30	Breakfast	Cottonwood Foyer
08:15~08:30	Opening Session & Welcome Remarks <ul style="list-style-type: none"> • General Chair: W. Eric Wong (University of Texas at Dallas, USA) • Program Chairs: Liguo Huang (Southern Methodist University, USA) Dan Port (University of Hawaii at Manoa, USA) 	Cottonwood D
08:30~09:30	<ul style="list-style-type: none"> • Keynote Speech <i>Software Engineering Education in an Age of Specialization</i> Anthony J. Lattanze (Carnegie Mellon University, USA) 	Cottonwood D
09:30~10:30	<ul style="list-style-type: none"> • Panel I <i>Why You Should Be Teaching Deployment in Your Curriculum!</i> Moderator: Len Bass (Professional Education Consortium, USA) Panelists: – Bram Adams (Polytechnique Montreal, Canada) – Christopher Parnin (North Carolina State University, USA) – Lorin Hochstein (Netflix, USA) 	Cottonwood D
10:30~11:00	Coffee Break	Cottonwood Foyer
11:00~12:00	<ul style="list-style-type: none"> • Session I: Practice Based Education (2 long papers) • Session II: Industry Relevance and Alignment (2 long papers) 	Cottonwood A, B & C Cottonwood D
12:00~13:30	Lunch Break	Cottonwood Foyer & A
13:30~15:00	<ul style="list-style-type: none"> • Session III: Teaching Project Management (3 long papers) • Session IV: Teaching SE Methods and Processes I (5 short papers) 	Cottonwood A, B & C Cottonwood D
15:00~15:30	Coffee Break	Cottonwood Foyer
15:30~17:30	<ul style="list-style-type: none"> • Session V: Teaching SE Methods and Processes II (4 long papers) • Session VI: Curricula, Programs, and Project Based Education (4 short papers) 	Cottonwood A, B & C Cottonwood D
17:30~18:30	Social Time	
18:30~20:30	Conference Banquet & Award Ceremony	Cottonwood D
Wednesday, April 6, 2016		
07:30~08:30	Registration	Cottonwood Foyer
08:00~08:30	Breakfast	Cottonwood Foyer
08:30~09:30	<ul style="list-style-type: none"> • Panel II <i>How Much Software Engineering We Can Teach for K-12 Students?</i> Moderator: John Cole (University of Texas at Dallas, USA) Panelists: – Jey Veerasamy (University of Texas at Dallas, USA) – Ravi Calyanakoti (Nokia) – Uttam Dravidam (AT&T) – Allen Selis (Tech EdVentures, USA) 	Cottonwood D
09:30~10:30	<ul style="list-style-type: none"> • Panel III <i>Teaching Software Testing from an Industry Perspective</i> Moderator: Mark Paulk (University of Texas at Dallas, USA) Panelists: – Anthony Adesanwo (Match Group, USA) – Vidroha Debroy (Verizon Communications, USA) – Dennis Frailey (Raytheon Fellow, USA) – Laura Henning (Parker Hannifin Aerospace, USA) – Tom Wissink (Lockheed Martin, USA) 	Cottonwood D

10:30~11:00	Coffee Break	Cottonwood Foyer
11:00~12:00	<ul style="list-style-type: none"> • Session VII: Assessment (2 long papers) • Session VIII: Teaching SE Methods and Processes III (1 long papers) 	Cottonwood A, B & C Cottonwood D
12:00~13:30	Lunch Break	Cottonwood Foyer & A
13:30~15:00	<ul style="list-style-type: none"> • Session IX: Project Based Education (3 long papers) • Panel IV <p style="margin-left: 20px;"><i>Delivering Software Engineering Content to Computer Science Majors</i></p> <p style="margin-left: 20px;">Moderator: Donald J. Bagert (Benedictine College, USA)</p> <p style="margin-left: 20px;">Panelists:</p> <ul style="list-style-type: none"> – Michael Barker (Nara Institute of Science and Technology, Japan) – Richard E. Fairley (Software And Systems Engineering Associates, USA) – David C. Kung (University of Texas at Arlington, USA) 	Cottonwood A, B & C Cottonwood D
15:00~15:30	Coffee Break	Cottonwood Foyer
15:30~17:00	<ul style="list-style-type: none"> • Session X: Emerging Challenges and Issues (2 long papers) • Session XI: Teaching Assessment & Industry Training (5 short papers) 	Cottonwood A, B & C Cottonwood D
17:00	Conference Adjourn	

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10:30~11:00	Coffee Break
11:00~12:00	<ul style="list-style-type: none"> • Session I: Practice Based Education (2 long papers) Chair: Daniel Port (University of Hawaii at Manoa, USA) <ul style="list-style-type: none"> ○ <i>Practice Based Studio</i> Anthony J. Lattanze ○ <i>An Athletic Approach to Software Engineering Education</i> Philip Johnson, Dan Port, and Emily Hill
11:00~12:00	<ul style="list-style-type: none"> • Session II: Industry Relevance and Alignment (2 long papers) Chair: Len Bass (Professional Education Consortium, USA) <ul style="list-style-type: none"> ○ <i>Impact of the Use of Industrial Modelling Tools on Modelling Education</i> Grischa Liebel, Rogardt Heldal, and Jan-Philipp Steghöfer ○ <i>Meeting Industry Needs for Secure Software Development</i> Nancy R. Mead, Girish Seshagiri, and Julie Howar
12:00~13:30	Lunch Break
13:30~15:00	<ul style="list-style-type: none"> • Session III: Teaching Project Management (3 long papers) Chair: Liguo Huang (Southern Methodist University, USA) <ul style="list-style-type: none"> ○ <i>Teaching Project Planning with No Project</i> Dennis J. Frailey ○ <i>An Instructional Unit for Teaching Project Management Tools Aligned with PMBOK</i> Rafael Queiroz Gonçalves and Christiane Gresse von Wangenheim ○ <i>Teaching Software Estimation Through LEGOs</i> Ye Yang and Linda M. Laird

13:30~15:00	<ul style="list-style-type: none"> • Session IV: Teaching SE Methods and Processes I (5 short papers) Chair: Len Bass (Professional Education Consortium, USA) <ul style="list-style-type: none"> ○ <i>Tool-Assisted Loop Invariant Development and Analysis</i> Caleb Priester, Yu-Shan Sun, and Murali Sitaraman ○ <i>A Conceptual Graphs Framework for Teaching UML Model-based Requirements Acquisition</i> Bingyang Wei, Harry S. Delugach, Eduardo Colmenares, and Catherine Stringfellow ○ <i>Experience Report of Teaching Agile Collaboration and Values – Agile Software Development in Large Student Teams</i> Andreas Meier, Martin Kropp, and Gerald Perellano ○ <i>Enhancing Object-Oriented Programming Comprehension using Optimized Sequence Diagram</i> Madhusudan Srinivasan, Young Lee, and Jeong Yang ○ <i>Dynamic Software Updating Techniques in Practice and Educator’s Guides: A Review</i> Ville Ilvonen, Petri Ihantola, and Tommi Mikkonen
15:00~15:30	Coffee Break
15:30~17:30	<ul style="list-style-type: none"> • Session V: Teaching SE Methods and Processes II (4 long papers) Chair: Donald Baggert (Nara Institute of Science and Technology, Japan) <ul style="list-style-type: none"> ○ <i>An Object-Oriented Analysis and Design Environment</i> David Kung and Jeff Lei ○ <i>Supporting Software Architecture Learning Using Runtime Visualization</i> John C. Georgas, James D. Palmer, and Michael J. McCormick ○ <i>Code Readability Testing, an Empirical Study</i> Todd Sedano ○ <i>Teaching Agile Collaboration Skills in Classroom</i> Martin Kropp, Andreas Meier, and Robert Biddle
15:30~17:30	<ul style="list-style-type: none"> • Session VI: Curricula, Programs, and Project Based Education (4 short papers) Chair: Michael Barker (Nara Institute of Science and Technology, Japan) <ul style="list-style-type: none"> ○ <i>Strengthening the “Engineering” in Software Engineering Education: A Software Engineering Bachelor of Engineering Program for the 21st Century</i> Linda M. Laird ○ <i>Software Engineering in Primary and Secondary Schools – Informatics Education is More Than Programming</i> Andreas Bollin, Stefan Pasterk, Peter Antonitsch, and Barbara Sabitzer ○ <i>Which Combinations of Personal Characteristic Types Are More Effective in Different Project-Based Learning Courses?</i> Yusuke Sunaga, Masashi Shuto, Hironori Washizaki, Katsuhiko Kakehi, Yoshiaki Fukazawa, Shoso Yamato, and Masashi Okubo ○ <i>Hammer and Nails - Crucial Practices and Tools in Ad Hoc Student Teams</i> Marko Leppanen, Samuel Lahtinen, and Petri Ihantola
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10:30~11:00	Coffee Break
11:00~12:00	<ul style="list-style-type: none"> • Session VII: Assessment (2 long papers) Chair: Michael Barker (Nara Institute of Science and Technology, Japan) ○ <i>A Systematic Literature Review of Assessment Tools For Programming Assignments</i> Draylson M. Souza, Katia R. Felizardo, and Ellen F. Barbosa ○ <i>A Generic E-Assessment Process Development Based on Reverse Engineering and Cloud Services</i> Fahima Hajjej, Yousra Bendaly Hlaoui, and Leila Jemni Ben Ayed
11:00~12:00	<ul style="list-style-type: none"> • Session VIII: Teaching SE Methods and Processes III (1 long papers) Chair: Daniel Port (University of Hawaii at Manoa, USA) ○ <i>An Integrated Approach to the Requirements Engineering and Process Modelling Teaching</i> George Marsicano, Fabiana Freitas Mendes, Maurício Vidotti Fernandes, and Sergio Antonio Andrade de Freitas
12:00~13:30	Lunch Break
13:30~15:00	<ul style="list-style-type: none"> • Session IX: Project Based Education (3 long papers) Chair: Emily Hill (Drew University) ○ <i>Green-Lighting Proposals for Software Engineering Team-Based Project Courses</i> Todd Sedano, Arthi Rengasamy, and Cecile Peraire ○ <i>Project-Based Learning with Examples from Industry in University Courses</i> Marian Daun, Andrea Salmon, Thorsten Weyer, Klaus Pohl, and Bastian Tenbergen

	<ul style="list-style-type: none"> ○ <i>Generating Software Engineers by Developing Web Systems: A Project-Based Learning Case Study</i> Patrick Letouze, J. I. M. de Souza Júnior, and Valéria Martins Da Silva
13:30~15:00	<ul style="list-style-type: none"> ● Panel IV <i>Delivering Software Engineering Content to Computer Science Majors</i> Moderator: Donald J. Bagert (Benedictine College, USA) Panelists: – Michael Barker (Nara Institute of Science and Technology, Japan) – Richard E. Fairley (Software and Systems Engineering Associates, USA) – David C. Kung (University of Texas at Arlington, USA)
15:00~15:30	Coffee Break
15:30~17:00	<ul style="list-style-type: none"> ● Session X: Emerging Challenges and Issues (2 long papers) Chair: Richard Fairley (Software And Systems Engineering Associates, USA) <ul style="list-style-type: none"> ○ <i>PERCCOM: A Master Program in Pervasive Computing and COMMUNICATIONS for Sustainable Development</i> Jari Porras, Ahmed Seffah, Eric Rondeau, Karl Andersson, and Alexandra Klimova ○ <i>Software Engineering Education in the New World: What Needs to Change?</i> Matthew Bass
15:30~17:00	<ul style="list-style-type: none"> ● Session XI: Teaching Assessment & Industry Training (5 short papers) Chair: Michael Barker (Nara Institute of Science and Technology, Japan) <ul style="list-style-type: none"> ○ <i>UML-test Application for Automated Validation of Students' UML Class Diagram</i> Pavel Herout and Premek Brada ○ <i>Learning Effectiveness of Team Discussions in Various Software Engineering Education Courses</i> Masashi Shuto, Hironori Washizaki, Katsuhiko Kakehi, Yoshiaki Fukazawa, Shoso Yamato, and Masashi Okubo ○ <i>Using an Active Learning Environment to Increase Students' Engagement</i> Sergio Antonio Andrade De Freitas, Wander C. M. P. Silva, and George Marsicano ○ <i>Applying an Instructional Design Process to Development of an Independent Verification and Validation Training Program</i> Naoko Okubo, Kazuharu Nara, Shunsuke Takemura, and Yasushi Ueda ○ <i>First Steps towards Exporting Education: Software Engineering Education Delivered Online to Professionals</i> Kevin D. Wendt, Ken Reily, and Mats P. E. Heimdahl
17:00	Conference Adjourn