

ASEE Software Engineering Constituent Committee (SwECC)

2016 Annual Business Meeting

MINUTES

Chair: Dr. Fernando Gonzalez

Secretary: Dr. Robert W. Hasker

Chair Gonzalez called the meeting to order on Tuesday, June 28, 2016 at 7:11 p.m. in room 213 of the New Orleans Convention Center, New Orleans, Louisiana.

1. Greetings and Introductions

Attendees:

- Officers: Division Chair Fernando Gonzalez (Florida Gulf Coast University), Program Chair Barbara Bernal (Kennesaw State University), Secretary/Treasurer Rob Hasker (Milwaukee School of Engineering)
- Members: Shawn Bohner (Rose-Hulman Institute of Technology), Kevin Gary (Arizona State University), Mussood Towhidnejad (Embry-Riddle), Stefan Christov (Quinnipiac University), Larry Kiser (Rochester Institute of Technology), Scott Hawker (Rochester Institute of Technology), Mohammad Moshirpour (University of Calgary)

2. Reports

a. Secretary's Report

Barbara Bernal circulated the minutes from the 2015 annual business meeting in Seattle, Washington. These were approved, with minor changes, on a motion by Rob Hasker.

b. Treasurer's Report

Rob Hasker reported that the BASS account had a balance of \$3,441.02 as of December 2015 and that the operating account has a balance of \$125.

c. Division Chair's Report

Fernando Gonzalez discussed the workshop to have been presented by Jim Valino. Conference coordinators accepted the workshop, but it was later canceled when SwECC leadership determined that there was strong overlap with another workshop.

d. Program Chair's Report

Barbara Bernal circulated a report for the 2016 conference:

- 26 abstracts were submitted, 1 rejected
- 18 draft papers were submitted and reviewed (with 6 past the deadline)
- 12 finalized papers were submitted and accepted
- There were 62 reviewers

The list of sessions and published papers are in Appendix A.

Several program-related issues were discussed. Some members suggested holding a panel discussion, with one recommendation based on the software competency model and another on continuous delivery of software. There was also a suggestion for doing a panel with the Systems Engineering Division.

e. PIC II Report

Barbara Bernal discussed issues that came up during the PIC II meeting. Rob Hasker and Barbara Bernal represented SwECC at the meeting. SwECC was reported as having 192 members in June with over 200 by the start of the conference. Rob Hasker asked the PIC II chair, Marjan Eggermont, what was needed to become a full division. M. Eggermont responded that the criteria had been met and that she would bring a motion to the board of directors. There was additional discussion about the process for collecting and reviewing papers.

3. Business

a. There was discussion about the ASEE's response to ABET. SwECC members expressed concern about the process of generating a response from ASEE. The town hall meeting was disorganized, as was the response itself.

The meeting adjourned at 8:13 p.m. with an invitation to attend an informal dinner.

Appendix A: Software Engineering Constituent Committee Division Sessions

[M346: Software Engineering Constituent Committee Division Technical Session 1](#)

Technical · Software Engineering Constituent Committee Division

Mon. June 27, 2016 11:30 AM to 1:00 PM

Room 337, New Orleans Convention Center

Moderated by Dr. Robert W. Hasker

Papers Presented

1. A Merged Software Requirements and Architecture Course [\[view paper\]](#) Dr. J. Scott Hawker (Rochester Institute of Technology (COE)), Mr. Robert Kuehl (Rochester Institute of Technology), and Mehdi Mirakhorli ()
2. Experiencing Real-world Multidisciplinary Software Systems Engineering through Aircraft Carrier Simulation [\[view paper\]](#) Prof. Dan Tappan (Eastern Washington University)
3. Adding Software Engineering Emphasis to an ECE curriculum [\[view paper\]](#) Mr. Pat Smith (Oklahoma Christian University of Science and Arts)
4. The Integration of Novel Forms of Feedback into Software Engineering Courses [\[view paper\]](#) Dr. Walter W Schilling Jr. (Milwaukee School of Engineering)

[T446: Software Engineering Technical Session 2](#)

Technical · Software Engineering Constituent Committee Division

Tue. June 28, 2016 1:15 PM to 2:45 PM

Room 337, New Orleans Convention Center

Moderated by Dr. Fernando Garcia Gonzalez

Papers Presented

1. Software Industry Experience for High School Students [\[view paper\]](#) Dr. Massood Towhidnejad (Embry-Riddle Aeronautical University, Daytona Beach), Ms. Alexandria Spradlin (Embry-Riddle Aeronautical University), and Mr. Thomas Rogers Bassa (Embry-Riddle Aeronautical University)
2. Long-Term Effects of Partner Programming in an Introductory Computer Science Sequence (Work in Progress) [\[view paper\]](#) Dr. Andrew DeOrio (University of Michigan) and Mr. Andrew Giugliano (University of Michigan)
3. Evaluating the Collaboration between a Software Project Management Course and a Software Development Course in Terms of Student Learning and Experience [\[view paper\]](#) Dr. Stefan Christov (Quinnipiac University) and Dr. Mark Hoffman (Quinnipiac University)

[T546: Software Engineering Constituent Committee Division Technical Session 3](#)

Technical · Software Engineering Constituent Committee Division

Tue. June 28, 2016 3:00 PM to 4:30 PM

Room 337, New Orleans Convention Center

Moderated by Prof. Barbara Victoria Bernal

Papers Presented

1. Work in Progress: A Student Activity Dashboard for Ensuring Project-based Learning Compliance [\[view paper\]](#) Suhas Xavier (Arizona State University), Christian Murphy (Arizona State University), and Dr. Kevin A Gary (Arizona State University)
2. A New Software Engineering Undergraduate Program Supporting the Internet of Things (IoT) and Cyber-Physical Systems (CPS) [\[view paper\]](#) Prof. Linda M Laird (Stevens Institute of Technology (School of Systems & Enterprises)) and Dr. Nicholas S Bowen (Stevens Institute of Technology)
3. Inclusive and Evidence-based Instruction in Software Testing Education [\[view paper\]](#) Vignesh Subbian (University of Cincinnati), Dr. Nan Niu (University of Cincinnati), and Dr. Carla C. Purdy (University of Cincinnati)
4. Adding 'Professional Awareness' to the Software Engineering Curriculum [\[view paper\]](#) Dr. Dan Budny P.E. (University of Pittsburgh) and Mrs. Elizabeth E. Vidal (Universidad La Salle)
5. Exploring the Value of Peer Assessment [\[view paper\]](#) Mrs. Sally Sue Richmond (Pennsylvania State University, Great Valley), Dr. Kailasam Satyamurthy (Penn State University), and Dr. Joanna F. DeFranco (Pennsylvania State University, Great Valley)

[T746 Software Engineering Business Meeting](#)

Business · Software Engineering Constituent Committee Division

Tue. June 28, 2016 7:00 PM to 9:00 PM

Room 241, New Orleans Convention Center