

Workshop Description – SECP 2005
Tuesday, October 18, 2005; 1:00pm – 4:45pm
Sheraton Parkway Toronto North Convention Centre
Held as part of *The 15th International Conference of the IBM Centre for Advanced Studies on Collaborative Research (CASCON 2005: Oct. 17-20, 2005; Toronto, Canada)*

2nd International Workshop on Software Engineering Course Projects

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Workshop Abstract

Creating software engineering course projects for undergraduate students is a challenging task. The instructor must carefully balance the sometimes conflicting goals of academic rigor and industrial relevance. Some of the fundamental characteristics of software engineering projects (e.g., team-based, large-scale, long-lived) are difficult to realize within the constraints of a university course in a single semester. This is particularly true when dealing with young students who may lack the real-world experience needed to appreciate some of the more subtle aspects of software engineering. This workshop will explore how educators and industry can work together to develop a more rewarding educational experience for all stakeholders involved. This workshop is a sequel to the workshop on the same topic that was held as part of CASCON 2002.

Keywords: software engineering education, course projects, undergraduate students

Please turn over for workshop program...



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Workshop Program

Time	Activity
1:00pm – 1:15pm	Welcome (Workshop Organizers)
1:15pm – 3:00pm	Session 1: Lessons Learned (Scott Tilley, Florida Institute of Technology) <ul style="list-style-type: none">• <i>Teaching Capstone Software Design Project Courses: Issues and Challenges</i> Spencer Smith (McMaster University, Canada)• <i>Design of the Capstone Software Engineering Course at the University of Ottawa</i> Tim Lethbridge (University of Ottawa, Canada)• <i>Informatics Capstones: Multi-Disciplinary IT Projects</i> Dennis Groth (Indiana University, USA)• <i>Teaching Object-Oriented Software Development through Course Projects</i> Juan Pablo Zamora Zapata (Carleton University, Canada)• Open Discussion
3:00pm – 3:15pm	Coffee break
3:15pm – 4:30pm	Session 2: Issues & Opportunities (Spencer Smith, McMaster University) <ul style="list-style-type: none">• <i>Teaching Software Engineering Course Projects: A New Faculty Perspective</i> Shihong Huang (Florida Atlantic University, USA)• <i>Supporting Small Student Software Teams</i> Ken Wong (University of Alberta, Canada)• <i>Selecting a Course Project: Top-Down or Bottom-Up?</i> Scott Tilley (Florida Institute of Technology, USA)• <i>Model Problems</i> Dennis Smith (Carnegie Mellon University / Software Engineering Institute, USA)• Open Discussion
4:30pm – 4:45pm	Wrap-Up

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