

Process in OO Pedagogy – The Sixth "Killer Examples" Workshop

www.cse.buffalo.edu/faculty/alphonce/OOPSLA2007/



Workshop outcomes

Organizers



Carl Alphonse
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Adrienne Decker
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Michael Kölling
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Goal...

... is to develop an understanding of the following issues:

- Why is it that while first-year undergraduate students often have prior coursework in computer programming, they appear not to be as well-prepared for university-level OS courses?
- What are the mental models (of programs/programming) held by novices?
- What is the role of early design/modelling in an object-first curriculum?
- How does the teaching process and the students' programming process address design/modeling?
- What are the needs of industry - what will keep students competitive in the workplace?

Presentations

Joseph lang
Teaching algorithmic thinking together with object-oriented thinking: a killer example

Christopher Pearson, Celina Gibba, Yvonne Goady
Intuitive Source Code Visualization Tools for Improving Student Comprehension: BRICS

William B. Sanders
Using Goals and Wrong Turns to Teach Design Patterns

Dale Skrien
When is Inheritance Appropriate

Yağız Onat Yazır, Steven Ioneragan, Yvonne Goady, Katherine Gunion
looking Through a Glass Onion: Transparent layers for Concrete Abstractions

Participants



Christopher Fuhrman
École de Technologie Supérieure



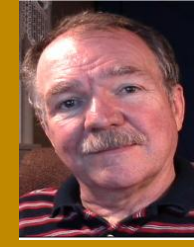
Joseph lang
University of Dayton



Christopher Nevison
Colgate University



Christopher Pearson
University of Victoria



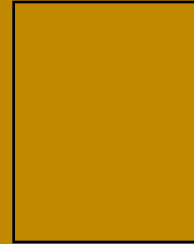
William Sanders
University of Hartford



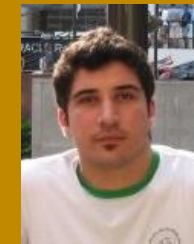
Dale Skrien
Colby College



Peter Sommerlad
HSR Rapperswil



Meyer Tanvan
Conestoga College



Yağız Onat Yazır
University of Victoria



Timothy Yuen
University of Texas at Austin