

CONSORTIUM for COMPUTING SCIENCES in COLLEGES

Northwestern Conference, 2010 PROGRAM
George Fox University, Newberg, OR

October 8-9, 2010

Registration 12:00 pm - 5:00 pm
Location: Edwards-Holman Science (EHS) Center

WELCOME 1:00 pm - 1:15 pm, Room EHS 102

Dr. Robin Baker, President, George Fox University
Dr. Brent Wilson CCSC-NW Conference Chair, George Fox University

FRIDAY KEYNOTE SPEAKER 1:15 pm – 2:15 pm, Room EHS 102

Michael Wolfe, Compiler Engineer, The Portland Group, Inc.
Whither and Whence Parallelism

FRIDAY

FRIDAY CONCURRENT SESSIONS I 2:30 pm – 3:45 pm

Papers: “Algorithms” EHS 102	Tutorial: Presentation EHS 117
3D VORONOI DIAGRAMS of REAL TREES Andrew Walsh, The Evergreen State College ONE-STACK AUTOMATA AS ACCEPTORS OF CONTEXT-FREE LANGUAGES Pradip Peter Dey, Mohammad Amin, Bhaskar Raj Sinha, Alireza Farahani, National University	Multi-core Programming Timothy J. McGuire, Sam Houston State University

BREAK 3:45 – 4:15, EHS Atrium

FRIDAY CONCURRENT SESSIONS II 4:15 pm – 5:30 pm

Papers: “Games in CS Education” EHS 102	Tutorial: Workshop EHS 117
GAME PROGRAMMING IN CS0: A SCAFFOLD APPROACH Michael Panitz, Cascadian Community College Kelvin Sung, University of Washington, Bothell Rebecca Rosenberg, CSU Monterey Bay A PUZZLE GAME FOR INTRODUCTORY DATA STRUCTURES Lukasz Opyrchal, Miami University James Van Bortel, Scott A. Wallace,, Washington State University Vancouver	Multi-core Programming Timothy J. McGuire, Sam Houston State University

SOCIAL HOUR 6:00 pm, Evergreen Space Museum, McMinnville, OR

FRIDAY BANQUET 6:30 pm, Evergreen Space Museum, McMinnville, OR

SATURDAY

MORNING GOODIES 8:00 am

STUDENT POSTER JUDGING 8:30 am – 12:00 noon

SATURDAY CONCURRENT SESSIONS I 8:30 am – 10:00 am

Papers: “Trends in Pre-University Computer Science” EHS 102	Bird of a Feather Sessions	Panel EHS 125
<p style="text-align: center;">MAKING YOUTH EXCITED ABOUT STEM EDUCATION, Giti Javidi, Ehsan Sheybani, Virginia State University</p> <p style="text-align: center;">Computer Science in Oregon – where are we now and what’s coming”. Ron Tennison</p>	<p>TBD</p>	<p style="text-align: center;">THE IMPACT OF OPENGL 3.X AND 4.0 ON THE TEACHING OF COMPUTER GRAPHICS Mike Bailey, Oregon State University Robert Lewis, Washington State University Richard Weiss, The Evergreen State College David Wolff, Pacific Lutheran University Genevieve Orr, Willamette University</p>

BREAK 10:00 am – 10:30 am

SATURDAY CONCURRENT SESSIONS II 10:30 am – 12:00 noon

Papers 10:30 – 11:10 EHS 102	Panel 11:15 – noon EHS 102	Nifty Assignments EHS 117
<p style="text-align: center;">DESIGN AND CONSTRUCTION OF GENERAL PURPOSE COMPUTING RESOURCES FOR LINUX BASED COMPUTER SCIENCE EDUCATION Richard Sharp, Ed Harcourt, St. Lawrence University</p>	<p>CCSC Board, open discussion</p>	<p style="text-align: center;">Bring your best – come prepared to share 5 – 10 minutes each</p>

SATURDAY LUNCH 12:00 pm, Cap and Gown Room, Heacock Commons.

CCSC-NW Regional Board Mtg. & Student Awards – All are welcome to attend. 12:30 pm – 1:00 pm, Cap and Gown Room, Heacock Commons.

NSF-CPATH Grant Meeting 2:00 p.m. – 4:00 p.m., EHS 102