CONSORTIUM for COMPUTING SCIENCES in COLLEGES
Northwestern Conference, 2007 PROGRAM
Linfield College, McMinnville, OR
October 12 - 13, 2007

Registration 12:00 p.m. - 5:00 p.m., Ice Auditorium, Melrose Hall

WELCOME 1:00 p.m. - 1:15 p.m., Ice Auditorium, Melrose Hall
Martin Dwomoh-Tweneboah, CCSC-NW conference chair, Linfield College, McMinnville
Dr. Thomas Hellie, President, Linfield College

FRIDAY KEYNOTE SPEAKER 1:15 p.m. - 2:15 p.m., Ice Auditorium, Melrose Hall

Jim Thomas, PNNL Laboratory Fellow and Chief Scientist for Information Technologies at Pacific Northwest National Laboratory
VISUAL ANALYTICS: A GRAND CHALLENGE IN SCIENCE - TURNING INFORMATION OVERLOAD INTO THE OPPORTUNITY OF THE DECADE

STUDENT POSTERS will be on display and vendors will display information on the 2nd floor of Renshaw Hall during the conference.

FRIDAY MORNING TUTORIAL

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<th>Tutorial 9:00 a.m. - 12:00 noon</th>
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Designing a Cross-Campus Collaborative Project
Genevieve Orr, Willamette University,
Rob Bryant, Gonzaga University
### FRIDAY CONCURRENT SESSIONS I 2:30 p.m. – 3:45 p.m. (*Friday sessions are 75 min.*)

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<th>Papers</th>
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<td>Renshaw 104</td>
<td>Renshaw 211</td>
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<tr>
<td><strong>Papers</strong>&lt;br&gt;<strong>Moderator:</strong> Greg Pleva, Southern Oregon University, CCSCNW 2008 Conf. Chair</td>
<td><strong>Tutorial</strong>&lt;br&gt;<strong>Moderator:</strong> George Hauser, Pacific Lutheran Univ., CCSCNW Regional Representative</td>
<td><strong>Papers</strong>&lt;br&gt;<strong>Moderator:</strong> Greg Pleva, Southern Oregon University, CCSCNW 2008 Conf. Chair</td>
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<tr>
<td><strong>Evolving from Traditional to Hybrid: Placing Presentations into Context for Students</strong>&lt;br&gt;Brent Wilson, George Fox University, James Aman, Saint Xavier University, Sheida Shirvana, Ohio University-Zaneville</td>
<td><strong>Treisman Workshops for Computer Science</strong>&lt;br&gt;Donald Chinn, University of Washington, Tacoma</td>
<td><strong>Programming Competition Problems as a Basis for an Algorithms and Data Structures Course</strong>&lt;br&gt;John Paxton, Montana State University, Montana State University, Washington State University, Washington State University, Montana State University, Montana State University, Washington State University</td>
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<td><strong>Providing Accurate and Timely Feedback by Automatically Grading Student Programming Labs</strong>&lt;br&gt;Pete Nordquist, Southern Oregon University</td>
<td></td>
<td><strong>Exploring the Use of Competitive Programming: Observations from the Classroom</strong>&lt;br&gt;Scott Wallace, Jason Margolis, Washington State Univ. Vancouver</td>
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#### Break 3:45 p.m. – 4:15 p.m., 2nd Floor, Renshaw Hall

### FRIDAY CONCURRENT SESSIONS II 4:15 p.m. – 5:30 p.m. (*Friday sessions are 75 min.*)

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<tr>
<td><strong>Paper</strong>&lt;br&gt;<strong>Moderator:</strong> Genevieve Orr, Willamette University, CCSCNW Editor</td>
<td><strong>Tutorial</strong>&lt;br&gt;<strong>Using the JAVA Instructional Game Engine in the Classroom</strong>&lt;br&gt;Scott Wallace, Washington State University Vancouver</td>
<td><strong>Tutorial</strong>&lt;br&gt;<strong>Program Development with Graphical User Interfaces</strong>&lt;br&gt;Kelvin Sung, Univ. of Washington, Bothell</td>
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<tr>
<td><strong>Serious Games + Computer Science = Serious CS</strong>&lt;br&gt;Katrin Becker, J. R. Parker, University of Calgary</td>
<td></td>
<td><strong>Michael Panitz, Cascadia Community College</strong>&lt;br&gt;Ruth Anderson, Univ. of Washington, Seattle</td>
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#### SOCIAL HOUR 6:00 p.m. Evergreen Aviation Museum

#### FRIDAY BANQUET 6:30 p.m. Evergreen Aviation Museum

Museum Tour 8:00 p.m.
Continental Breakfast 7:45 a.m. - 8:30 a.m., Renshaw 206  
SATURDAY CONCURRENT SESSIONS I 8:30 a.m. - 10:00 a.m.

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| **Moderator:** Brent Wilson, George Fox Univ., CCSCNW Membership Chair | **Game Development Courses in the Computer Science Curriculum**  
Bill Clark, Eastern Washington University  
Jerry Rosenberg, Edmonds Community College  
Terrel Smith, Sherwood High School  
Stu Steiner, Eastern Washington University  
Scott Wallace, Washington State University Vancouver  
Genevieve Orr, Willamette University | **Building Your Virtual CS Department**  
Clinton Jeffery, University of Idaho |

**CS0++ Broadening the Computer Science Entry Level: Interdisciplinary Science and Computer Science**  
Judith Bayard Cushing, Richard Weiss, Yoshiya Moritani, The Evergreen State College

**Parallelism is Not Only for Processors in Computer Science**  
E. Grant Eastman, Central Washington University

Break 10:00 a.m. - 10:30 a.m., 2nd Floor, Renshaw Hall  
SATURDAY CONCURRENT SESSIONS II 10:30 a.m. - 12:00 p.m.

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| **Improving Introduction to Computing Courses at Both High School and Post Secondary**  
Rob Bryant, Gonzaga University  
Julie Letchner, University of Washington  
Genevieve Orr, Willamette University | **Developing Applications on the XBOX 360 Console**  
Kelvin Sung, Univ. of Washington, Bothell  
Michael Panitz, Cascadia Community College | **Using Elluminate in CS**  
Katrin Becker, University of Calgary |
SATURDAY LUNCH 12:00 p.m., Dillin Hall

SATURDAY WRAP-UP 12:15 p.m., Dillin Hall

**CCSC-NW Regional Board and 2007 Committee Meeting - All are welcome to attend.**
12:30 p.m. - 1:00 p.m., Dillin Hall

**SATURDAY AFTERNOON SESSIONS**

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| 1:00 p.m. - 2:30 pm | **Panel** College / High School Working Together - Outreach and Shared Programs that are Successful  
Ron Tenison, Linfield College (retired)  
Chris Stephenson, CSTA  
Ivan Lumala, Microsoft  
Don Kirkwood, South Salem High School  
Terrel Smith, Sherwood High School  
Rob Bryant, Gonzaga University  
Bruce Schafer, Oregon University System |
| 2:30 p.m. - 5:00 pm | **Workshop** CPATH Workshop - Preparing for the next Proposal  
Genevieve Orr, Willamette University,  
Rob Bryant, Gonzaga University |
