CCSC

The Consortium for Computing Sciences in Colleges

Northwestern Region

Program Announcement

Ninth Annual
Consortium for Computing Sciences
in Colleges
Northwestern Conference

Linfield College
McMinnville, OREGON

October 12-13, 2007

In cooperation with SIGCSE

Martin Dwomoh-Tweneboah
Computer Science Department
Linfield College
900 S. Baker St.
McMinnville. OR 97128

Conference Purpose

The Northwestern Regional Conference of the Consortium for Computing Sciences in Colleges is designed to promote exchange of information among teaching college personnel concerned with computer use in the academic environment. It is intended for faculty as well as administrators of academic computer facilities. Because personnel at primarily teaching colleges often have restricted travel budgets, the scheduling of the conference is done with consideration toward minimizing costs.

Conference Web-Site   http://www.ccsc.org/northwest/2007

Student Poster Contest   Abstract due date: Sept. 24, 2007

Undergraduate students are invited to submit an abstract describing their research or project. A faculty sponsor is required. Students will present their work in a poster session and prizes will be awarded. See the conference website for further details.

Conference Hotel Accommodations

Rooms have been reserved at Best Western Hotel. Call 1-800-285-6242 and mention CCSC. Rooms not reserved by September 12, 2007 will be released. Prices range from $55.00 to $100.00.

Reservation problems?

Contact Dan Ford at 503-883-2706 or by email at dford@linfield.edu.edu.

Driving Directions: Linfield is located in the mid-Willamette Valley on Highway 99W in McMinnville, Oregon. For driving directions, please go to
http://www.linfield.edu/admission/visit/directions.php

Airport Shuttle:

If you know you will need transportation from Portland International Airport to McMinnville, contact Dan Ford at 503-883-2706 or by email at dford@linfield.edu.edu

A shuttle will also be available between campus and the hotels.

Saturday October 13, 2007

SATURDAY CONCURRENT SESSIONS I   8:30 a.m.– 10.00 a.m.

Panel   Renshaw 103
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**Tutorial**

Tutorial   Renshaw 211
Building Your Virtual CS Department
Clinton Jeffery, University of Idaho

Break   10:00 p.m. – 10:30 a.m.   2nd **Floor, Renshaw Hall**

SATURDAY CONCURRENT SESSIONS II   10.30 a.m. – 12.00 p.m.

Workshop   Renshaw 104
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

Tutorial I   Renshaw 211
Developing Applications on the XBOX 360 Console
Kelvin Sung, Univ. of Washington, Bothell

Tutorial II   Renshaw Lab
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 12:30 p.m. – 1:00 p.m.,   **Dillin Hall**
All are welcome to attend.

SATURDAY AFTERNOON SESSIONS

Panel   1:00p.m. – 2:30 p.m.   Renshaw 104
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

Workshop   2:30 p.m. – 5:00 p.m.   Renshaw 104
CPATH Workshop – Preparing for the next Proposal
Genevieve Orr, Willamette University,
Rob Bryant, Gonzaga University

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.**

Moderator: Genevieve Orr, Willamette University, CCSCNW Editor

Papers   **Renshaw 104**
Serious Games + Computer Science = Serious CS
Katrin Becker, J. R. Parker, University of Calgary

Tutorial I   **Renshaw 211**
Using the JAVA Instructional Game Engine in the Classroom
Scott Wallace, Washington State University Vancouver
Andrew Nierman, University of Puget Sound

Tutorial II   **Renshaw Lab**
Program Development with Graphical User Interfaces
Kelvin Sung, Univ. of Washington, Bothell
Michael Panitz, Cascadia Community College
Ruth Anderson, Univ. of Washington, Seattle

Social Hour   **6.00 p.m.**   **Evergreen Aviation Museum**
Banquet   **6:30 p.m.**   **Evergreen Aviation Museum**

Saturday October 13, 2007

Continental Breakfast   7:45 a.m. - 8:30 a.m.   **Renshaw 206**

SATURDAY CONCURRENT SESSIONS I   **8:30 a.m.– 10.00 a.m.**
Moderator: Brent Wilson, George Fox University, CCSCNW Membership Chair
Papers   **Renshaw 104**
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

Registration Form
Ninth Annual Northwestern Regional Conference
Consortium for Computing Sciences in Colleges
October 12-13, 2007 – Linfield College, McMinnville, Oregon

Personal Data

Change of address: yes / no
Type of address: home / institution / business
Name: _____
Position: _____
Department: _____
Institution: _____
Address _____

_____

City, State Zip: _____
Phone: _____
Fax: _____
Email: _____

Registration data

	Early (Mail by Sept 15)	On Site	Amount
Registration	$135	$160	_____
(Vegetarian? Y N)			
Extra Proceedings	$10	$10	_____
Extra Friday Banquet Ticket	$25	$25	_____
(Vegetarian? Y N)			
Extra Saturday Lunch Ticket	$10	$10	_____
(Vegetarian? Y N)			

Total (sum of amounts paid):   _____

I would like to receive mailings from the following regions: (circle up to nine):
CP   ES   MS   MW   NE   NW   RM   SC   SE
Voting Region (please circle one)
CP   ES   MS   MW   NE   NW   RM   SC   SE
Regions are: Central Plains, Eastern, Midsouth, Midwest, Northeast, Northwestern, Rocky Mountain, South Central, Southeast

I **do / do not** wish my name included in a published participant list. (circle one)
I **do / do not** wish my name added in the *CCSC* listserver(s). (circle one)

(please turn over for more information)

Registration includes the following: _access to all vendors and sessions, one ticket for Friday banquet, one ticket for Saturday lunch, one copy of the proceedings, copies of the CCSC Journal for the 2007-2008 academic year, and CCSC voting privileges for the same year._

Please make checks or P.O.'s out to CCSC (the Consortium for Computing Sciences in Colleges). CCSC does not accept credit cards. The Consortium will assess a charge of $25 for each check returned to it by the issuing bank.

For more information, please visit the conference website at
http://www.ccsc.org/northwest/2007
Or Contact Dr. Rolfe at TRolfe@ewu.edu
or by phone at (509) 359-6162.

Please mail this form to:
Timothy Rolfe, Ph.D.
Computer Science Department
Eastern Washington University
319F Computing & Engineering Bldg.
Cheney, WA 99004-2493

Conference Program

Friday October 12, 2007

FRIDAY MORNING TUTORIAL   9:00 a.m. - 12:00 noon

Designing a Cross-Campus Collaborative Project   **Renshaw 211**
Genevieve Orr, Willamette University, **Rob Bryant,** Gonzaga University

REGISTRATION   12 p.m. - 5 p.m.   **Renshaw Hall Lobby**

WELCOME   1 p.m. - 1:15 p.m.   **Ice Auditorium, Melrose Hall**
                    Martin Dwomoh-Tweneboah, Conference Chair
                    Dr. Thomas Hellie, President, Linfield College

KEYNOTE   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 CONCURRENT SESSIONS I   2:30 p.m. – 3:45 p.m.
Moderator: Greg Pleva, Southern Oregon University, CCSCNW 2008 Conf. Chair.
Papers I   **Renshaw 104**
Evolving from Traditional to Hybrid: Placing Presentations into Context for Students
Brent Wilson, George Fox University, **James Aman**, Saint Xavier University,
Sheida Shirvana, Ohio University-Zaneville

Providing Accurate and Timely Feedback by Automatically Grading Student Programming Labs
Pete Nordquist, Southern Oregon University

Papers II   **Renshaw 103**
Programming Competition Problems as a Basis for an Algorithms and Data Structures Course . John Paxton, **Montana State University,**

Exploring the Use of Competitive Programming: Observations from the Classroom
Scott Wallace, Jason Margolis, Washington State Univ. Vancouver

Tutorial   **Renshaw 211**
Treisman Workshops for Computer Science
Donald Chinn, **University of Washington, Tacoma**