CCSC

The Consortium for Computing Sciences in Colleges

Northwestern Region

Program Announcement

Sixth Annual
Consortium for Computing
Sciences in Colleges
Northwestern Conference

Willamette University

October 8-9, 2004
Salem, Oregon

In cooperation with SIGCSE

Jenny Orr
Associate Professor
Department of Computer Science
Willamette University
Salem, OR 97301

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/2004

Student Poster Contest   Abstract due date: Sept. 24, 2004

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

Best Western Mill Creek Inn
   3125 Ryan Dr. SE, Salem, OR 97301
Cost:
   $68.85(single), $73.95(double) per night.
   Free breakfast at Denny's (next door) is included.
For reservations:
   Call (503) 585-3332 or 1-800-346-9659, use group code: "CCSC"
   Reservations must be made by September 15 to guarantee a room.
   Alert: *Make reservations ASAP - this conference coincides with Parents' and Family Weekend at Willamette, so hotels will fill up very quickly.*
Reservation problems?
   Check conference website or contact Fritz Ruehr by phone at 503-370-6165 or by email fruehr@willamette.edu.

Driving Directions: Willamette University is located in Salem, Oregon, 47 miles south of Portland. From I-5, take the Hwy 22 exit (#253). At the light at the end of the off-ramp, head west (a left turn for those coming from the south, a right when coming from the north). ***To go to the hotel:*** take Hwy 22 to first light and turn right onto Hawthorne Avenue, then turn left (first light) onto Ryan Drive. ***To go to the university:*** stay on Hwy 22 for about 1.5 miles. Just after 17th street, take the exit on the right for Willamette University. Keep left as the exit divides. After the next light, there is a green Willamette University sign on the right. The main parking lot entrance is also on the right about 200 feet past the sign. Other parking lots on campus may also be used - see conference website for details.
Note: Permits are not required, but parking may be scarce. CCSC will have some temporary spots reserved for you to register (look for student volunteer at NW corner of main parking lot). A shuttle will also be available between campus and the hotel.

SATURDAY CONCURRENT SESSIONS II	10:00 a.m. – 11:15 a.m.

Papers   **Alumni Lounge, PUC**

Computer Ethics in the Undergraduate Curriculum: Case Studies and the Joint Software Engineer's Code, Don Gotterbarn, E. Tennessee S. U., Keith Miller, U. Illinois Springfield

Narrowing the Digital Divide: In Search of a Map to Mend the Gap, Mary Kirk , Metropolitan U., Carol Zander, UW Bothell

Group Discussion/BOF   **Autzen, PUC**

Tutorial I   **Collins 408**
Building GUI Database Applications with JavaBeans and JDBC Douglas D. Bickerstaff, Ray Moro, Eastern Wash. U

Tutorial II   **Collins 407**
Building Applications for Mobile Devices with .NET, Martin Dwomoh-Tweneboah, Linfield College

Break 11:15 a.m. - 11:30 a.m.	**Alumni Lounge, PUC**

SATURDAY CONCURRENT SESSIONS III	11:30 a.m.– 12:45 p.m.

Papers   **Alumni Lounge, PUC**

Test Driven Development On the Cheap: Text Files and Explicit Scaffolding, Keith W. Miller, U. Illinois Springfield

Introducing Application Design and Software Engineering Principles in Introductory CS Courses: Model-View-Controller Java Application Framework, Scot F. Morse, W. Oregon U.

Group Discussion/BOF   **Autzen, PUC**

Tutorial I   **Collins 408**
The Geowall, A Three Dimensional Stereo Viewing System, Greg Pleva, Southern Oregon U.

Tutorial II   **Collins 407**
Robot Control and Embedded Systems on Inexpensive Linux Platforms. Edward C. Epp, Intel Corporation

Saturday Lunch	**1:00 p.m.**	**Alumni Lounge, PUC**

Saturday Wrap-up	**1:15 p.m.**	**Alumni Lounge, PUC**

CCSC-NW Regional Board Meeting and 2005 Committee Meeting
   all welcome to attend   **1:30 p.m.-2:15p.m. Alumni Lounge - PUC**

Papers II   **Autzen, PUC**

Ensuring Capstone Project Success for a Diverse Student Body,
  Thomas E. Carpenter Jr., Adair Dingle, David Joslin, Seattle U.

The Fifty-Four Day Thesis Proposal: First Experiences with a Research Course,
  Karen Ward, UT El Paso

Panel   **Collins 408**

Game Development as a Culminating Activity for CS Majors,
  R. William Clark, Eastern Wash. U.; Atsushi Inoue, Eastern Washington U.

Social Hour/BOF	**5:45 p.m.**	**Cat Cavern, PUC**
Banquet	**6:30 p.m.**	**Cat Cavern, PUC**
Banquet Address	**7:30 p.m.**	

   Girl Power - Advancing the Agenda in Gender Equity and Breaking Boundaries
   in Science and Engineering for Hispanic Girls,
  Louise Stevens and Karen Peterson, Northwest Girls Collaborative
  Project (NWGCP); Donna Evans, Brewster WA Public School District

Saturday October 9, 2004

Continental Breakfast	**7:45 a.m. - 8:30 a.m.**	**Alumni Lounge, PUC**

SATURDAY CONCURRENT SESSIONS I   **8:30 a.m.– 9:45 a.m.**

Papers I   **Alumni Lounge, PUC**

A Software Tool for Teaching Classical & Contemporary Cryptology,
  Richard Spillman, Pacific Lutheran U.

Game Programming and the Myth of Child's Play, Greg Pleva, S. Oregon U.

Papers II   **Autzen, PUC**

Web Design!, John Paxton, Montana St U.

A Web-Based Tool for Managing the Submission of Student Work,
 David Wolff, Pacific Lutheran U.

Tutorial   **Collins 407**

Creating an Introductory Embedded Systems Course for the Computer Science
  Curriculum, Richard A. Sevenich, Eastern Wash. U.

Break	**9:45 a.m. - 10:00 a.m.**	**Alumni Lounge, PUC**

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	On Site	Amount
	(**by Sept 15**)		
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)			
Student	$25	$25	_____
(does not include meals, membership or proceedings)			
Total (sum of amounts paid):			_____

I would like to receive mailings from the following regions: (circle up to eight):
             CP   ES   MW   NE   NW   RM   SC   SE
Voting Region (please circle one)
             CP   ES   MW   NE   NW   RM   SC   SE
Regions are: **C**entral **P**lains, **E**astern, **M**id**w**est, **N**orth**e**ast, **N**orth**w**estern, **R**ocky **M**ountain,
    South **C**entral, **S**outh**e**ast

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 2004-2005 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/2004.

Please mail this form to:

Dr. Timothy Rolfe
Computer Science Department
Eastern Washington University
202 Computer Sciences Building
Cheney, WA 99004-2412
trolfe@ewu.edu
(509) 359-6162

Friday October 8, 2004

Conference Program

Registration   12:00 p.m. - 5:00 p.m.
3rd floor lobby, Putnam University Center (PUC)

WELCOME   1:00 p.m. - 1:15 p.m., Alumni Lounge, PUC
Jenny Orr, Willamette University,
Carol Long, College of Liberal Arts Dean, Willamette U.

KEYNOTE   1:15 p.m. – 2:15 p.m., Alumni Lounge, PUC
Dylan McNamee, eXaNetworks
Using Video Games to Motivate Computer Science

STUDENT POSTERS will be on display in 3rd floor lobby of PUC during the conference.

FRIDAY CONCURRENT SESSIONS I   **2:30 p.m. - 4:00 p.m.**

Papers I   **Alumni Lounge, PUC**
Reclaiming Garbage and Education: Java Memory Leaks, Adair Dingle,
   Seattle U.

Teaching with Tablet PC's, Kenrick Mock, U. Alaska Anchorage

Reconciling a Traditional Syllabus with an Inquiry-Based Introductory Course,
   Katrin Becker , U. Calgary

Papers II   **Autzen, PUC**
*Teaching Hardware and Computer Organization Using a Distance-Learning
   Format*, Arnold S. Berger, UW Bothell

Assembly Language is More Than a Teaching Tool, Kosuke Imamura, E.
   Washington U.

Teaching Parallel Computing using Beowulf Clusters: A Laboratory Approach
   Philip R. Prins, Seattle Pacific U.

Panel   **Collins 408**
Building Software That Works - The Educational Component, Andrew Black,
   Oregon Graduate Institute; Judy Cushing, Evergreen State College; Fritz
   Ruehr, Willamette U.; Tim Sheard, Oregon Graduate Institute

---

Break   4:00 p.m. - 4:15 p.m.   **3rd floor entryway, PUC**

FRIDAY CONCURRENT SESSIONS II   **4:15 p.m. - 5:30 p.m.**

Papers I   **Alumni Lounge, PUC**
Algorithm Analysis for Returning Adult Students, Kelvin Sung, UW Bothell

The SFC Editor - A Graphical Tool For Algorithm Development,
   Tia Watts, Sonoma State U.