Conference Purpose

The Northwestern Regional Conference of the Consortium for Computing Sciences in Colleges is designed to promote quality computer-oriented curricula as well as effective use of computing in smaller institutions of higher learning which are typically non-research in orientation.

Because personnel at small colleges often have restricted travel budgets, the scheduling of the conference is done with consideration toward minimizing costs.

Housing Accommodations

The Conference will be held at the Munson Retreat Center on the Central Washington University campus in Ellensburg, Washington.

Low-cost housing has been arranged at the Munson Retreat Center for conference participants on a first-come reservation basis ($25 per person double occupancy or $50 per person single occupancy). Room reservations should be made by September 16th by calling 1-800-752-4379.

Ellensburg hosts a variety of motel accommodations to choose from. Please see the Conference Web site for housing options.

Registration

To qualify for the early registration rate of $135, the registration form and payment must be received by September 15th. The registration fee includes the conference banquet on Friday evening, breaks, continental breakfast & luncheon on Saturday, admission to all sessions, one copy of the conference proceedings, and 1-year membership in CCSC.

On-site registration will take place at the Munson Retreat Center in the Vantage Room beginning at noon on Friday, Oct. 3.

Driving Directions

Ellensburg is located on the eastern side of the Cascade Mountain range, right in the middle of Washington State. It is directly off both I-90 and I-82. The closest airports are Yakima (45 miles south) or SeaTac (120 miles west).

Driving directions to the Munson Retreat Center on East 8th Avenue (aka East University Way) can be found on the conference Web site. You will be issued a parking permit at registration. Fifteen-minute parking is available at CWU Conference Services next to the Munson Retreat Center.

Student Poster Session

(abstract due date: September 26, 2003)

Undergraduate students are invited to submit an abstract and prepare a poster describing their research or project. A faculty sponsor is required. Students will present their work in a poster session on Saturday and prizes will be awarded. Send a one-page abstract via email to Sherry Yang, Oregon Institute of Technology, yangs@oit.edu

Conference Web Site
or mirror site: http://www.cwu.edu/~ccscnw/2003/

Questions

Contact Ed Gellenbeck (Conference Chair)
E-mail: gellenbe@cwu.edu
Phone: (509) 962-8040 or (509) 963-1435
Friday Concurrent Sessions I 2:30 – 4:00 p.m.

Papers
Moderator: Rob Bryant, Gonzaga University
A Multiple-Intelligences Approach to Teaching Number Systems
Katrin Becker, University of Calgary
Fact-Based Problem Identification Precedes Problem Solving
E. Grant Eastman, Central Washington University
The Development of a CS0 Course for Distance Delivery
Kenrick Mock, University of Alaska, Anchorage

Panel
Elaine Wright Room
Assessment of Student Learning in Computer Science Education
Vibha Sazawal, Sarah Schwarm, Univ. of Washington, Barbara Goldner, North Seattle Community College, Ed Gellenbeck, Central Washington University, Carol Zander, University of Washington-Tacoma

Tutorial
Shaw-Smyser 109
Impact of Quantum Computing on Computer Science/Engineering Education
Richard Spillman, Pacific Lutheran University

Tutorial
Shaw-Smyser 106
Building Client/Server Applications with Oracle9i, JDBC, and SQLJ
Douglas Bickerstaff, Sean Drexler, Ray Moro, and Mike Lewis, Eastern Washington University

Break
4:00 p.m. – 4:15 p.m.
Vantage Room

Friday Concurrent Sessions II 4:15 – 5:30 p.m.

Papers
Moderator: Phil Prins, Seattle Pacific University
Hierarchical Disk Cache Management in RAID 5 Controller
Jung-ho Hub, Tae-mu Chang, Dongguk University, Korea
Performance Evaluation of Memory Systems in a Computer Architecture Course
Mohamad R. Neiforoshan, The Richard Stockton College of New Jersey

Panel
Elaine Wright Room
The Role of the Data Structures Course in the Computing Curriculum
Donald Chinn, Josi Tenereng, University of Washington - Tacoma, Phil Prins, Seattle Pacific University

Workshop
Shaw-Smyser 106
Microsoft .Net Programming (Part 2A): Web Apps in ASP.NET and C#
Joe Hummel, Lake Forest College
*See afternoon session for part 2B

Saturday Concurrent Sessions I 8:30 – 9:45 a.m.

Papers
Moderator: George Hauser, Pacific Lutheran University
Towards Best Practices in Software Lifecycle Teamwork Development
Judy Cushing, George Freeman, Evergreen State College, Kate Cunningham, IDX Corporation
Reinforcing Programming Language Concepts through Implementation in a Concept-Based Course
Timothy Fossum, Susan Haller, University of Wisconsin - Parkside

Panel
Elaine Wright Room
The Washington Center for Information Technology: Preparing Students for the Current Job Market
Lynn Bly, WClT, Lori Braunstein, Cathy Bertelson, Central Washington University

Workshop
Shaw-Smyser 106
Microsoft .Net Programming (Part 1B): Building Applications with C#
Joe Hummel, Lake Forest College

Saturday Concurrent Sessions II 10:00 – 11:15 a.m.

Papers
Central Room
Moderator: David Wolff, Pacific Lutheran University
The Environmental Effect and Waste Management of Computer Manufacturing
Mohamad R. Neiforoshan, The Richard Stockton College of New Jersey
License Tracing in Free, Open, and Proprietary Software
Pete Nordquist, Anna Petersen, Angelina Todorova, Southern Oregon University

Tutorial
Elaine Wright Room
Teaching Introductory Classes Using LEGO Robotics
Sherry Yang, Todd Breedlove, Ralph Carestia
Oregon Institute of Technology

Workshop
Shaw-Smyser 106
Microsoft .Net Programming (Part 1A): Building Applications with C#
Joe Hummel, Lake Forest College

Break
11:15 a.m. – 11:30 a.m.
Vantage Room

Saturday Concurrent Sessions III 11:30 – 12:45 p.m.

Papers
Moderator: Jenny Orr, Willamette U.
An Assessment and Evaluation of Computer Science Education
Jennifer R. Parham, University of Montana
Barbara Goldner, North Seattle Community College, Ed Gellenbeck, Central Washington University

Tutorial
Shaw-Smyser 109
Copyright, Law and Ethics on the Web – Issues for the Computing Educator
Rebecca Rutheref, Southern Polytechnic State University

Workshop
Shaw-Smyser 106
Microsoft .Net Programming (Part 2A): Web Apps in ASP.NET and C#
Joe Hummel, Lake Forest College
*See afternoon session for part 2B

Saturday Lunch
1:00 p.m.
Elaine Wright Room

Saturday Wrap-up
1:45 p.m.
Elaine Wright Room

CCSC-NW Regional Board and 2004 Committee Meeting
All are welcome to attend.

Saturday Afternoon Sessions 2:30 – 4:00 p.m.

Workshop
Shaw-Smyser 106
Microsoft .Net Programming (Part 2B): Web Apps in ASP.NET and C#
Joe Hummel, Lake Forest College