

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

<http://www.ccsc.org/northwest/2003/>

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

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CCSC

*The Consortium for Computing
Sciences in Colleges*

Northwestern Region



Program Announcement

Fifth Annual
Consortium for Computing
Sciences in Colleges

Northwestern Conference

October 3-4, 2003

Hosted by
Central Washington University

Ellensburg, Washington

<http://www.ccsc.org/northwest/2003/>
or mirror site: <http://www.cwu.edu/~ccscnw/2003/>

In cooperation with SIGCSE



Conference Program

Friday October 3, 2003

Registration	12:00 p.m. - 5:00 p.m. Vantage Room
Welcome	1:00 p.m. - 1:15 p.m. Elaine Wright Room President Jerilyn McIntyre, Central Washington University
Keynote Address	1:15 p.m. – 2:15 p.m. Elaine Wright Room Joan Francioni , Winona State University Making Computer Science Accessible for Students with Visual Disabilities

Friday Concurrent Sessions I 2:30 – 4:00 p.m. (*extra 15 min. length)

Papers	Central Room 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
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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
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Tutorial	Shaw-Smyser 109 Impact of Quantum Computing on Computer Science/Engineering Education Richard Spillman, Pacific Lutheran University
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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
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Break	4:00 p.m. – 4:15 p.m. Vantage Room
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Friday Concurrent Sessions II 4:15 – 5:30 p.m.

Papers	Central Room Moderator: Phil Prins, Seattle Pacific University Hierarchical Disk Cache Management in RAID 5 Controller Jung-ho Huh, Tae-mu Chang, Dongguk University, Korea Performance Evaluation of Memory Systems in a Computer Architecture Course Mohamad R. Neilforoshan, The Richard Stockton College of New Jersey
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Panel	Elaine Wright Room Computing Curriculum 2001: How Does This Report Affect the Computing Science Curricula? Grant Eastman, Central Washington University, George Hauser, Ken Blaha, Pacific Lutheran University, Elaine Weltz, Seattle Pacific University, Ron Tenison, Linfield College, Sharon Tuttle, Humboldt State University, Judy Cushing, Evergreen State College
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Panel	Shaw-Smyser 106 The Washington Center for Information Technology: Preparing Students for the Current Job Market Lynn Bly, WCIT, Lori Braunstein, Cathy Bertelson, Central Washington University
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SOCIAL HOUR	5:45 p.m. Vantage Room
FRIDAY BANQUET	6:30 p.m. Munson Dining Room

Saturday October 4, 2003

Continental Breakfast	7:45 a.m. - 8:30 a.m. Vantage Room
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Saturday Concurrent Sessions I 8:30 – 9:45 a.m.

Papers	Central Room 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
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Reinforcing Programming Language Concepts through Implementation in a Concept-Based Course Timothy Fossum, Susan Haller, University of Wisconsin - Parkside
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Panel	Elaine Wright Room The Role of the Data Structures Course in the Computing Curriculum Donald Chinn, Josh Tenenberg, University of Washington - Tacoma, Phil Prins, Seattle Pacific University
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Workshop	Shaw-Smyser 106 Microsoft .Net Programming (Part 1A): Building Applications with C# Joe Hummel, Lake Forest College
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Break	9:45 a.m. – 10:00 a.m. Vantage Room
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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. Neilforoshan, The Richard Stockton College of New Jersey License Tracing in Free, Open, and Proprietary Software Pete Nordquist, Anna Petersen., Angelina Todorova, Southern Oregon University
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Tutorial	Elaine Wright Room Teaching Introductory Classes Using LEGO Robotics Sherry Yang, Todd Breedlove, Ralph Carestia Oregon Institute of Technology
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Workshop	Shaw-Smyser 106 Microsoft .Net Programming (Part 1B): Building Applications with C# Joe Hummel, Lake Forest College
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Break	11:15 a.m. – 11:30 a.m. Vantage Room
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Saturday Concurrent Sessions III 11:30 – 12:45 p.m.

Papers	Central Room Moderator: Jenny Orr, Willamette U. An Assessment and Evaluation of Computer Science Education Jennifer R. Parham, University of Montana Course Modularization for Improved Delivery and Assessment Scott Burgess, Humboldt State University
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Workshop	Elaine Wright Room Copyright, Law and Ethics on the Web – Issues for the Computing Educator Rebecca Rutherford, Southern Polytechnic State University
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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
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Saturday Lunch	1:00 p.m. Elaine Wright Room
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Saturday Wrap-up	1:45 p.m. Elaine Wright Room
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CCSC-NW Regional Board and 2004 Committee Meeting	1:45 p.m. – 2:30 p.m. Elaine Wright Room All are welcome to attend.
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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
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