

**Consortium for Computing Sciences in Colleges**  
**Northwestern Conference, 2011 Program**  
**Washington State University, Tri-Cities**  
**Richland, Washington**  
**October 7-8, 2011**

**Friday, 10/07/11**

	Room (unless otherwise noted)			
Time	CIC 210	CIC 212	CIC 214	CIC 216
noon	<u>Student Poster Setup</u>	Registration (in Upstairs Foyer until 5pm)		
1pm	(plenary session)			<u>Welcome:</u> James R. Pratt, Vice Chancellor for Academic Affairs, <i>Washington State University, Tri-Cities</i> Robert R. Lewis, CCSC-NW '11 Conference Chair
1:15pm				<u>Keynote:</u> <b>Increasing the Participation of Females in Computing Careers</b> Maria Klawe, President, <i>Harvey Mudd College</i>
2:15pm				
2:30pm	<u>Student Poster Viewing</u>	<u>Tutorial 1:</u>  <b>Introducing Programming in a Functions-First Manner</b> Sharon M. Tuttle, <i>Humboldt State University</i>	<u>Tutorial 2:</u>  <b>Multi-Agent Simulation and NETLOGO in the Introductory Computer Science Curriculum</b> Matthew Dickerson, <i>Middlebury College</i>	<u>Papers 1 (Session Chair: Wayne Cochran):</u>  <b>A Review of Studio-Based Learning in Computer Science</b> Adam S. Carter, Christopher D. Hundhausen, <i>Washington State University</i>  <b>Using the Context of Algorithmic Art to Change Attitudes in Introductory Programming</b> Robert Bryant, <i>Gonzaga University</i> Genevieve Orr, <i>Willamette University</i> Richard Weiss, <i>The Evergreen State College</i> Kathie Yerion, <i>Gonzaga University</i>  <b>Using a Document Classification Task to Introduce Machine Learning</b> Scott A Wallace, <i>Washington State University, Vancouver</i> Vitaliy Pavlenko

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	Room (unless otherwise noted)			
Time	CIC 210	CIC 212	CIC 214	CIC 216
3:45pm		Break (in Upstairs Foyer)		
4:15pm	<u>Student Poster Viewing (continues)</u>	<u>Tutorial 3:</u>  <b>Introduction to ReST: Easy Document Creation for Computer Science Students</b> Robert R. Lewis, <i>Washington State University, Tri-Cities</i>	<u>Tutorial 2 (cont.):</u>  <b>Multi-Agent Simulation and NETLOGO in the Introductory Computer Science Curriculum</b> Matthew Dickerson, <i>Middlebury College</i>	<u>Papers 2 (Session Chair: Judy Cushing):</u>  <b>Is Java relevant in the game industry?</b> Penn Wu, <i>DeVry University</i> Pedro Manrique  <b>Hands-on Internet with Seattle's Distributed Platform</b> Jens Mache, <i>Lewis &amp; Clark College</i> Scott A. Wallace, <i>Washington State University, Vancouver</i> Monzur Muhammad Justin Cappos, <i>University of Washington</i>  <b>Superimposing a Strand Map Over Lectures and Textbook Content (In a Database Class)</b> Lois Delcambre, <i>Portland State University</i> David Archer, <i>Portland State University</i> Susan Price, <i>Portland State University</i> Scott Britell, <i>Portland State University</i> Uma Murthy, <i>Virginia Tech</i> Edward Fox, <i>Virginia Tech</i> Lillian Cassel, <i>Villanova University</i>
5:30pm				
	<b>Friday evening events will take place at the LIGO Hanford Observatory. Directions will be provided in the registration packet.</b>			
6pm	Banquet			
7:30pm	LIGO Tour			

Saturday, 10/08/11

	Room (unless otherwise noted)			
Time	CIC 210	CIC 212	CIC 214	CIC 216
8am	Continental Breakfast (downstairs in CIC 120)			
8:30am	<u>Student Poster Judging</u>	<u>Tutorial 4:</u>  <b>K-12 STEM Robotics: Stealth Computer Science for the Masses</b> Dave Archer, <i>Portland State University</i> Randy Steele, <i>Olympia School District</i>	<u>Birds of a Feather Sessions</u>  TBD: see sign-up sheets	<u>Papers 3 (Session Chair: David Hansen):</u>  <b>A Lightweight Virtual Machine Monitor for Intel Security Analysis</b> Xiaohui He Jim Alvs-Foss, <i>University of Idaho</i>  <b>Teaching Security Labs with Web Applications, Buffer Overflows and Firewall Configurations</b> Richard Weiss, <i>The Evergreen State College</i> Jens Mache, <i>Lewis &amp; Clark College</i>  <b>Cyber Defense Competition: A Tale of Two Teams</b> Yan Bei Kyle Gwinnup Carol Taylor, <i>Eastern Washington University</i>
10am		Break (in Upstairs Foyer)		
10:30am		<u>Tutorial 4:</u>  <b>Learn Java in N Games</b> Peter Drake, <i>Lewis &amp; Clark College</i>	<u>Nifty Assignments:</u>  Bring your best - come prepared to share - 5 - 10 minutes each	<u>Papers 4 (Session Chair: Bob Lewis):</u>  <b>COTSBots: Computationally Powerful, Low-cost Robots for Computer Science Curriculum</b> Terence Soule, <i>University of Idaho</i> Robert B. Heckendorn  <b>Classroom Explorations in 3D Stereoscopy (S3D)</b> Genevieve Orr, <i>Willamette University</i>  <b>Using Intelligent Tutors to Enhance Student Learning of Application Programming Interfaces</b> Aniket Dahotre, <i>Oregon State University</i> Vasanth Krishnamoorthy, <i>Oregon State University</i> Matt Corley, <i>Oregon State University</i> Christopher Scaffidi, <i>Oregon State University</i>
noon	Lunch (downstairs in CIC 120)			
12:30pm				CCSC-NW Regional Board Meeting (all are welcome to attend)

Saturday, 10/08/11

	Room (unless otherwise noted)			
Time	CIC 210	CIC 212	CIC 214	CIC 216
				Presentation of Student Awards
1pm	<u>Student Poster Removal</u>			