

Consortium for Computing Sciences in Colleges
Northwestern Conference, 2019 Program
Pacific University
Forest Grove, OR
October 4-5, 2019

Friday 10/04/19

	Room (unless otherwise noted)			
Time	Scott 210	Scott 218	Scott 221	Scott 217
noon - 5pm	Registration			
noon	Student Poster Setup			
1:00pm	<u>Welcome:</u> (in Washburn 110) <i>Shereen Khoja, CCSC-NW '19 Conference Chair, Pacific University</i> <i>Sarah Philips Dean, College of Arts & Sciences Pacific University</i>	(plenary session)		
1:15pm	<u>Keynote:</u> (in Washburn 110) Social Change in Open Source Software <i>Amy R. Occhialino Director of Software Engineering, Intel</i> <i>Intel has spent close to two decades working in the open source software community. Leading in the future will require a wide range of perspectives, backgrounds, and ideas to solve our world's toughest challenges and one of our passions is to achieve full representative diversity within the open source software industry.</i>			
2:15pm	Break, Partner Exhibits, and Student Poster Viewing			

Friday 10/04/19

	Room (unless otherwise noted)			
Time	Scott 210	Scott 218	Scott 221	Scott 217
2:30pm		<p><u>Papers 1:</u> Session Chair: <i>Nadra Guizani</i></p> <p>Teaching Math for Computer Science in an Open-Enrollment College – an Applied Learning Experience <i>Baoqiang Yan</i> <i>Missouri Western State University</i></p> <p>Computer Science in High School: Identifying and Addressing Common Barriers <i>Yolanda Reimer</i> <i>University of Montana</i></p> <p>Mining GitHub Classroom Commit Behavior in Elective and Introductory Computer Science Courses <i>Gina Sprint, Jason Conci</i> <i>Gonzaga University</i></p>	<p><u>Tutorials 1:</u></p> <p>Applying Code Translation and Subprogram Call Graph to Improve Programming Proficiency in CS1 <i>Xuguang Chen</i> <i>Saint Martin's University</i></p> <p>Teaching Introduction to Programming Courses to Non-Computer Science Majors using SageMath <i>Razvan A Mezei</i> <i>Saint Martin's University</i></p>	<p><u>Partners 1:</u></p> <p>BigQuery by Google <i>Tim Swast, Google</i></p> <p>Saturday Academy Opportunities for Sharing Your Passion with Kids <i>Katie Gibbs, Saturday Academy</i></p>
4:00pm	Break, Partner Exhibits, and Student Poster Viewing			
4:30pm		<p><u>Papers 2:</u> Session Chair: <i>Alex Mezei</i></p> <p>Course Models for Teaching Data Science <i>Haiyan Cheng, Willamette University</i> <i>Tammy VanDeGrift, University of Portland</i></p> <p>LIBRE-ary, an Open-Source, Distributed Digital Archiving System <i>Benjamin Glick, Jens Mache</i> <i>Lewis & Clark College</i></p>		<p><u>Partners 2:</u></p> <p>zyBooks <i>Improving Lower-Division CS/CE Courses: Experiences and Results</i> <i>Taney Shondel and Nikitha Sambamurthy</i></p> <p>Bringing Coding to Life with Sensor Data <i>Tom Smith, Vernier</i></p>

Friday 10/04/19

	Room (unless otherwise noted)			
Time	Scott 210	Scott 218	Scott 221	Scott 217
6:00pm	(sessions end)			
6:00pm	Social (in Washburn 110, et seq.)			
6:30pm	Catered Banquet			
7:30pm	Student elevator pitches			
7:45pm	End of day social			
8:30pm	(banquet ends)			

Saturday 10/05/19

	Room (unless otherwise noted)			
Time	Scott 210	Scott 218	Scott 221	Scott 217
8:00am	Breakfast (in Washburn 110)			
8:30am		<u>Papers 3:</u> Session Chair: <i>Brian Snider</i> The Effect of Peer Tutoring in Reducing Achievement Gaps: A Success Story <i>Adamou Fode Made, Abeer Hasan, Scott Burgess, David Tuttle, Nick Soetaert</i> <i>Humboldt State University</i> MICE: A Holistic Mechanism for Scoring Cybersecurity Wargames <i>Tristan Saldanha, Jens Mache</i> <i>Lewis & Clark College</i>	<u>Tutorials 3:</u> Introduction to Jetstream: A Research and Education Cloud <i>Sanjana Sudarshan, Jeremy Fischer</i> <i>Indiana University</i>	<u>Partners 3:</u> NCWIT: Revolutionizing the face of technology <i>Becka Morgan, NCWIT</i>
10:00am	Break, Partner Exhibits, and Student Poster Judging			
10:30am		<u>Papers 4:</u> Session Chair: <i>Bob Lewis</i> Utilizing Deep Neural Networks For Brain-Computer Interface-Based Prosthesis Control <i>Thomas C. Noel, Brian R. Snider</i> <i>George Fox University</i> Design of a Database Graduate Course as a Leveling Class for Non-CS Major Graduate Students <i>Xuguang Chen</i> <i>Saint Martin's University</i>	<u>Tutorials 4:</u> A Comparison of Two Hands-on Cybersecurity Frameworks <i>Jens Mache, Richard Weiss</i> <i>Lewis & Clark College</i>	
noon	Lunch and Student Poster Awards (in Washburn 110)			
1pm	Regional Board Meeting			
1:30pm	(conference adjourned)			

Thanks to all of our partners:

