Consortium for Computing Sciences in Colleges
Northwestern Conference (CCSC-NW) 2023 Program
Eastern Washington University, Spokane, Washington
October 13-14, 2023

Friday 10/13/2023

Time	Room
noon-5pm	Registration (Catalyst lobby)
noon	Student Poster Setup (Catalyst lobby)
	CAT 304
1:00 pm	<u>**Welcome:**</u> Stu Steiner, PhD CCSC-NW '23 Conference Chair Eastern Washington University Dr. David Bowman, Dean College of Science, Technology, Engineering and Mathematics Eastern Washington University
1:15 pm	<u>**Keynote:**</u> **The Shape of Thought** Graham Moorehead

	The study of artificial intelligence forces us to understand our own. What is thought -- how is human thought different from artificial thought?		
2:15 pm	Break and Partner Exhibits Student Poster Viewing		
	CAT 201	**CAT 202**	**CAT 203**
2:30 pm	**Paper-1:** Session chair: Ben Tribelhorn **AI and Society :Teaching AI to non-STEM students** *Khadivi, Pejman* *Seattle University* **Generative Pre-Trained Transformer (GPT) Models as a Code Review Feedback Tool in Computer Science Programs** *Aaron S. Crandall, Gina Sprint, Bryan Fischer* *Gonzaga University* **Interpreting Machine Learning-Based Intrusion Detection in IoT using Explainable AI: A Case Study with Explainable Boosting Machine** *Yizhou Xu, Parteek Kumar Bhatia* *Whitman College*	**Tutorial-1:** **Getting Started on Jetstream2** *Daniel Havert, Zachary Graber* *Indiana University*	**Tutorial-2:** **An Assembly Language Programming Environment for Novices** *Tim Harrison* *Eastern Oregon University*

4:00 pm	Break and Partner Exhibits Student Poster Viewing	
Friday 10/13/2023	**CAT 201**	**CAT 202**
4:30 pm	**Paper-2:** Session Chair: Ben Tribelhorn **Position Paper on Teaching Operating Systems using the Rust Programming Language** *Bryan Dixon* *California State University, Chico* **Exploiting Vulnerabilities in Programmable Logic Controllers: A Case Study of Garage Door Systems** *Tristen Greene, Thomas Walsh* *Eastern Washington University* **A Heap Data Structure for Weighted Random Selection with Dynamic Weights** *John Andrew Stratton, Andrew Kuhlken, Zachariah Frierson* *Whitman College*	**Tutorial-3:** **An Introduction to Java OpenMP Parallel Programming with omp4j** *Xuguang Chen* *Saint Martin's University*
6:00 pm	Session ends.	
6:15 pm	Social beverages (non-alcoholic)	

6:45 pm	Banquet	
7:45 pm	Student elevator pitches	
8:00 pm	End of day social	

Saturday 10/14/2023

Time	CAT 201	CAT 202
8:30 am	**Paper-3:** Session Chair: Haiyan Cheng **A Course Model for Ethics Education in Computer Science** *Ben Tribelhorn, Andrew Nuxoll* *University of Portland* **Pilot Project to Study the Effectiveness of Job Interview Preparation Workshops Ayat Hatem** *California State University, Stanislaus* **Exploring Performance Gaps by Gender, Ethnicity and Teaching Modality in CS3** *Elena Y, Harris* *California State University, Chico*	**Tutorial-4:** **Hands-on Circuits in CS1** *Elena Miller, Katy Shaw, Zachary Dodds* *Harvey Mudd College*
10:00 am	Break and Partner Exhibits Student Poster Judging	

10:30 am	**Paper-4:** Session Chair: Shereen Khoja **Code Reading: How Students and Professionals Differ** *Matthew Woerner, David Socha, Mark Kochanski* *University of Washington, Bothell* **Choosing Our Computing Birthplace: VScode and Colab as GenEd IDEs** *Elena Miller, Katy Shae, Zachary Dodds* *Harvey Mudd College* **ACM2Y partner session** *Po-Chin Cheng* *Portland Community College*	**Tutorial-5:** **Building and Using a Penetration Testing Environment of Virtual Machines** *Mohamed Abdulla Lofty,* *Utah Valley University*
noon	Lunch Student Poster Awards Regional Board Meeting	
1:30 pm	**Conference Adjourned**	