

Friday, October 18, 2024

12:00pm – 03:00pm	Registration The PAC Mezzanine					
03:00pm – 04:00pm	Welcome and Opening Keynote Speaker: Adrienne Decker Coad Science Building, Laughlin Auditorium					
	Snack/Coffee Break Coad Science Building, 2 nd Floor Entrance Hall					
Session 1	Track 1 (Faculty Papers)	Track 2A (Student Papers)	Track 2B (Student Papers)	Track 3 (Vendors)	Track 4	
04:15pm – 05:30pm	<i>Jguardrail: A Framework for Identifying Possible Errors in Student Java Code</i> <i>FACE: a Framework for AI-driven Coding Generation Evaluation</i> <i>Improving Introductory Java Programming Education Through ChatGPT</i>	<i>Designing and Prototyping a Parking Space Monitoring System with Generative AI and Large Multimodal Models</i> <i>Investigating Deepfake Detection using LIME</i> <i>An Analysis of Blockchain Approach in AI & Cyber-Physical Systems</i> <i>Malware Detection using Deep Learning</i>	<i>Implementing a FashionBot Curriculum in High School Classroom to Improve Student Engagement and Motivation in Computing</i> <i>Mobile Application for Object Recognition for visually impaired people</i> <i>Enhancing Learning of Matrix Transformations through Immersive Virtual and Augmented Reality Interfaces</i>	Evapco JBL publishing Rephactor CodeZinger	Cyber CTF	
05:30pm – 06:45pm	Poster Session/Reception Coad Science Building, 2 nd Floor Entrance Hall					
07:00pm – 09:30pm	Banquet and Banquet Speaker Speaker: Gary McGraw Carriage House Inn, Emmitsburg					

Saturday, October 19, 2024

07:30am – 09:00am	Registration/Breakfast Coad Science Building, 2 nd Floor Entrance Hall				
Session 2	Track 1A (Faculty Papers)	Track 1B (Faculty Papers)	Track 2 (Nifty Ideas)	Track 3 (Vendors)	Track 4
09:00am – 09:45am	<i>Stigma: A Tool for Modifying Closed-Source Android Applications</i> <i>Addressing the Gap Between How Students and Professionals Read Code</i>	<i>Programming and Control of Physical Autonomous Robots via ROS 2</i> <i>Design and Development of the FlexBE WebUI with Introductory Tutorials</i>	<i>Neurodiversity and computer science: working with neurodiverse students to accomplish their education goals</i> <i>Teaching Software Engineering Concepts while Using AI Tools for Programming in Intro Computer Science</i> <i>Standards-based grading in a wide variety of courses</i>	Evapco JBL publishing Rephactor CodeZinger	Programming Competition
	Snack/Coffee Break Coad Science Building, 2 nd Floor Entrance Hall				
Session 3	Track 1A (Faculty Papers)	Track 1B (Faculty Papers)	Track 2 (Student Papers)	Track 3 (Workshop)	Track 4
10:00am – 11:15am	<i>English to American Sign Language: An AI-based Approach</i> <i>Teaching Bioinformatics Students to Lead Reproducible Research</i> <i>Studying Financial Data with Macroeconomic Factors using Machine Learning</i>	<i>Ad-hoc Ensemble Approach for Detecting Adverse Drug Events in Electronic Health Records</i> <i>Finiteness Considerations in Machine Learning</i> <i>An ontology for Social Determinant of Education (SDoED) based on human-AI collaborative approach</i>	<i>Malware Detection in Android Phone</i> <i>Multi-Party Computation in a United States-based E-Voting System</i> <i>Unveiling the Deception: Understanding the Urgent Need to Combat Deep Fake Videos</i>	<i>Using a Distinctive Curricular Design Process for Liberal Arts Computing Programs</i> Workshop attendees can go to the first half (leave at the break), the second half (arrive after the break) or the whole thing	Programming Competition
	Snack/Coffee Break Coad Science Building, 2 nd Floor Entrance Hall				

Session 4	Track 1A (Faculty Papers)	Track 1B (Faculty Papers)	Track 2 (Panel Discussion)	Track 3 (Workshop)	Track 4
11:30am – 12:45pm	<p><i>The Impact of Changing a Course to Follow Equitable Grading Practices: A Case Study of Incremental Changes to Grading in Computer Science III</i></p> <p><i>Enabling Blind and Low-Vision (BLV) Developers with LLM-driven Code Debugging</i></p> <p><i>Comparing K-8 Computing Education Implementations between South Africa and Sweden</i></p>	<p><i>Strengthening Financial IoT Systems Against Bank Fraud: Integrating Data Backup and Recovery Solutions</i></p> <p><i>Decoding SPAM: A Comprehensive Exploration of Unsolicited Messages</i></p> <p><i>Demystifying the RSA Algorithm: An Intuitive Introduction for Novices in Cybersecurity</i></p>	<i>AI Intersections: Ethics, Education, and Technological Philosophy</i>	<p><i>Using a Distinctive Curricular Design Process for Liberal Arts Computing Programs</i></p> <p>Workshop attendees can go to the first half (leave at the break), the second half (arrive after the break) or the whole thing</p>	Programming Competition
01:15pm – 02:15pm	<p align="center">Luncheon/Awards</p> <p align="center">Coad Science Building, 2nd Floor Entrance Hall and Laughlin Auditorium</p>				
02:30pm – 03:30pm	Planning Meeting				