

MORNING SCHEDULE | THURSDAY, JUNE 12

Start Time	Vista <i>Artificial Intelligence (AI)</i> SEATTLE: Vashon	Horizon A <i>Artificial Intelligence (AI)</i>	Horizon B	Horizon C <i>Panels & QF</i> SEATTLE: Whidbey	Horizon D <i>SE&UX</i>	Horizon E <i>Mix & BoF</i> BoFs in San Juan	Frontier <i>MIXED</i> SEATTLE: Lummi
8:00 AM	Registration	Registration	Registration	Registration	Registration	Registration	Registration
9:00 AM		Key Panel Digital Imperatives Leads Panel Intro: Steve Ashby Moderator: Jerry Cochran Panel: Draguna Vrabie, Quentin Kreilmann, Scott Godwin, Martin Klein, Brady Kimball					
9:30 AM							
10:00 AM	Coffee Break						
10:30 AM	Sabina Altus - SEATTLE Advanced causal inference and decision-making with PyCIEMSS	Anurag Acharya LLM Co-Pilot for Scientific Research	Shannon Sheridan (RDM) FAIR Meets AI: Aligning Data Frameworks	CSTO Panel <i>Moderator: Bill Pike</i> Panel: Mark Schraad, Cindy Powell, Cindy Bruckner-Lea, Chris Oehmen	Jennifer Fanning Handheld Horizons: Multiplatform AR Solutions via the Web	Abigail Brown (O) A Machine Learning Approach to Ultrasonic Testing Signal Degradation	Reilly Raab - VIRTUAL (AA) Optimizing LLM-Powered Subroutines with Sparse Human Feedback
11:00 AM	Ilya Amburg - VIRTUAL Beyond Clone Detection: Mapping the Hidden Structure of Code Repositories	James Bandy Winning without paying, open-source local vector databases	Sridevi Wagle (RDM) Intelligent Data Search: AI-Powered Exploration of Scientific Multimodal Collections		Ian Smith Exploring the Forge Developer Platform	Caitlyn Ackerman (O) Streamlining Productive Meetings	Majid alDosari - VIRTUAL (RDM) BIM2RDF: A tool for creating Semantic Models of Building Systems from Building Information Models
11:30 AM	Robin Cosbey - SEATTLE Quali-TEA Document Tagging: Taxonomy Enrichment and Analysis Toolkit	Natasha Arokium-Christian Revolutionizing Scientific Proposal Development with LLM's and Intelligent Guidance	Mike Holden (RDM) Foundational steps towards PNNL-made FAIR microscopy databases	PDO Panel: Eric Smith, Samson Hagos, Peter Sushko, Casie Davidson	Anna Boone Monte Carlo Simulation for Testing Software Applications	Aramy Truong (O) Pore2Chip - Generating Reduced Complexity "Digital Twins" of Porous Material	Stephanie Pennington - VIRTUAL (RDM) Rapid, Reliable, Robust: Data Management Strategies for Faster, More Actionable Science
12:00 PM	Ian Stewart - SEATTLE Adapting multimodal LLMs for seismic data	Cleve Davis Unearthing Geographic Data from Government Document Maps Using GeoAI	Sarthak Chaturvedi (AA) GridCopilot: GenAI based decision support tool to accelerate long term grid planning		Kaden Morris Modernizing Lab Management with Reality Capture	Matthew Olszta (SE&UX) From Fruit Loops to Dislocation Loops: How Dual Processing Theory is used at PNNL to Develop Next Generation Software for Materials Science	Rizawn Ashraf - VIRTUAL (C&H) Developing LLM-Based Agentic Systems for Enhanced Research and Advancing Scientific Innovation
12:30 PM 1:00 PM	Lunch Break						

