



**Northwest Managers of Educational Technology  
2024 Conference Program**

# Welcome to the NW/MET Conference 2024



Dear NW/MET Family,

In the ever-evolving landscape of higher education technology, collaboration remains the cornerstone of progress. It's with this ethos in mind that the Northwest College & University Council for Management of Educational Technology was founded in 1978, uniting schools across the Northwest, Rocky Mountain region, and Western Canada. Now, 46 years later, as the Northwest Managers of Educational Technology (NW/MET), our commitment to collaboration only grows stronger. Together, we convene annually to share insights, expertise, and strategies for navigating the dynamic realm of educational technology.

This year, as we mark our 46th anniversary, we continue the enduring spirit of collaboration that has brought us together. With gratitude to the organizers of past conferences, who comprise the NW/MET board of directors, and the dedicated team here at Oregon State University, we gather once again to enrich our collective knowledge and foster meaningful connections.

The 2024 NW/MET Conference will host over 200 attendees from 30 universities and sponsors across the nation, offering a dynamic exchange of ideas. This year, we received nearly 30 applications for travel grants, granting 8 full travel scholarships, and 20 free passes, showcasing unprecedented interest in our event. The conference, expanded to 5 full days with accredited workshops and a factory tour from Pacific northwest based Biamp, has sparked significant excitement. As chair of NW/MET and your host for this year's conference, I warmly welcome you to Corvallis, Oregon, nestled in the scenic Willamette Valley and home to Oregon State University.

In this era of rapid technological advancement, being a part of higher education technology is both exhilarating and inspiring. As you explore our beautiful corner of the world, I invite you to immerse yourself in the unique lifestyle of the Willamette Valley, where natural beauty converges with academic excellence.

Throughout the conference, I encourage you to engage with fellow attendees, forge new connections, and cultivate friendships that will endure far beyond this event. NW/MET is more than just a consortium of institutions; it's a community built on mutual support and collaboration.

Thank you for joining us, and I eagerly anticipate making this year's NW/MET conference the most successful yet. Together, let's embrace the opportunities for learning, collaboration, and friendship that await us in the heart of the Willamette Valley.

Warm regards,  
Marc Cholewczyński  
Conference Director



## NW/MET

The Northwest Managers of Educational Technology (NW/MET) is a consortium of Educational Technology professionals from colleges and universities in the American Pacific Northwest and Intermountain regions and Western Canada. With membership that has expertise in software, hardware, A/V, and instructional design, NW/MET is an easy way to stay ahead of the curve while staying close to home. NW/MET began officially in 1978, making it one of the oldest support groups for A/V professionals in the world.

NW/MET is an organization bridging tradition and innovation for academics. We offer our members an opportunity to present results of research and experiences and network with professionals in a region whose problems and solutions are similar.

Our objectives are to develop an identity among professionals managing media services, faculty and instructional development, media production, and other educational technology services in higher education institutions in the Northwest, and to improve the process of managing faculty and instructional support programs.

NW/MET was established at a meeting in February 1978 in Cheney, Washington.



### NW/MET Leadership

The President, Vice-President, Treasurer, and Secretary of the Northwest Managers of Educational Technology are elected to four-year terms and are tasked with the day-to-day operations of the organization. The Conference Director is an annual position awarded to the host institution of the upcoming conference.

President	Raul Burriel, Oregon State University
Vice President	Dan Case, Carroll College
Secretary	Cassidy Hall, University of Idaho
Treasurer	Andrew Borts, University of Nevada
Conference Director	Marc Cholewczynski, Oregon State University

## The Talking Stick



Drawing from our Northwest tradition, every year NW/MET bestows upon our conference host the Talking Stick. For thousands of years West Coast Natives used Talking Sticks during Potlatches and other ceremonial occasions as a symbol of speaking authority and respect for communication by Chiefs, Elders, and all other witnesses. These sticks were carved from yellow cedar with various animal and mystical family crests signifying human attributes. The Talking Stick affords the holder the honor and responsibility to speak uninterrupted. It also serves as a reminder to the witnesses of their vital role of listening thoughtfully. Once the stick has been passed, the honor of speech has been transferred. The NW/MET Talking Stick was hand carved by Coast Salish artist Jim Yelton and represents the Bear. The Bear is the Spirit symbol of strength, agility, and guidance.

## MET Money

Better than Bitcoin. Craved more than cryptocurrency. MET Money is back for another year of fun!

MET Money is our special fake money usable only during this conference to entice and incentivize attendees to interact with exhibitors. Attendees can use MET Money to buy prizes at our big bash on Thursday night. Every exhibitor will have MET Money. You'll have to speak to them if you want some of it, so get socializing!



## NFC Card

This year, every attendee has been assigned an NFC card to accompany their conference badge. They have also been given a QR code. This badge includes their name, institution, and email address. The information is encoded exclusively on the card and QR code, and has not been stored anywhere online. If you allow it, exhibitors at the conference will be able to scan your card or QR code with their device in order to obtain your contact information.



The card is yours to keep and can be re-encoded using an app such as NFC Tools for iOS and Android. You may also return the card to conference organizers, who will wipe the data and reuse it for future conferences. Your badge sleeve can also be returned to conference organizers for reuse in order to reduce waste.

## Oregon State University

Oregon's statewide university is one the nation's three Land-, Sea-, Space-, and Sun-Grant institutions. Oregon State University's main campus in Corvallis is found in the mid-Willamette valley; with a central Oregon branch campus in Bend, and a coastal branch in Newport. Oregon State University operates Agricultural Experiment Stations and Extension offices in all 36 Oregon Counties, with Forestry Research Laboratory Sites around the state, ocean-going research vessels, and research sites across the nation and around the globe.



# Oregon State University

### Land Acknowledgement

Oregon State University in Corvallis, Oregon, is located within the traditional homelands of the Mary's River or Ampinefu Band of Kalapuya. Following the Willamette Valley Treaty of 1855, Kalapuya people were forcibly removed to reservations in Western Oregon. Today, living descendants of these people are a part of the Confederated Tribes of Grand Ronde Community of Oregon ([grandronde.org](http://grandronde.org)) and the Confederated Tribes of the Siletz Indians ([ctsi.nsn.us](http://ctsi.nsn.us)). Indigenous people are valued, contributing members of the Oregon State community and represent multiple sovereign tribes among students, faculty, staff and alumni.



# Corvallis Map



# NWELEARN ANNUAL CONFERENCE

[NWeLearn.org/conference](https://NWeLearn.org/conference)



Scan QR code  
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information



Clark College | Vancouver, Washington

October | 17-18 | 2024

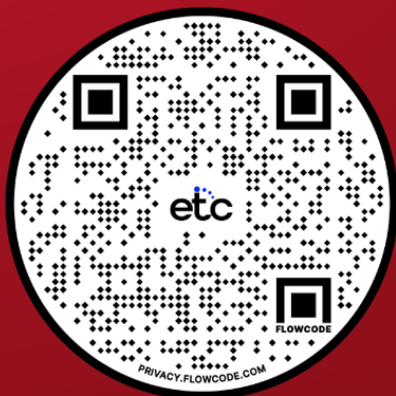
# Bringing Innovation to Life!

October 1-4, 2024 | Ames, IA

# etc

EDUCATIONAL TECHNOLOGY COLLABORATIVE  
2024 ANNUAL CONFERENCE

Submit your topic  
proposal for the ETC 2024  
Annual Conference!  
Submissions due April 3<sup>rd</sup>.





# Schedule

2024 NW/MET is a week-long event! Monday and Tuesday are the pre-conference days, full of networking and workshops. Followed by the conference on Wednesday and Thursday, with the conference wrap-up on Friday.

## Pre-Conference Schedule (Monday & Tuesday)

### Monday, March 25<sup>th</sup>

5:00pm - 8:00pm	<b>Cocktails and Appetizers - MU Basement</b> <b>Sponsored by Biamp</b>
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### MU Basement

Come unwind in the MU Basement, an 8,500 sq. ft. recreation facility located beneath the Commons in the Memorial Union. Among its attractions are bowling, billiards, darts, shuffleboard, video games and the Beaver Den with a 58" big screen TV.

### Tuesday, March 26<sup>th</sup>

The NW/MET 2024 Conference will host a full day of free pre-conference workshops! All tracks will be held concurrently on Tuesday, March 26<sup>th</sup>. You should expect to bring a laptop with you to participate in the workshops. The workshops will be held at the Learning Innovation Center (LINC).

**See the Workshops listing on PAGE 13 for details!**

8:00am - 9:00am	<b>Breakfast - Learning Innovation Center (LINC)</b>
9:00am - noon	AM Workshops at the Learning Innovation Center (LINC)
noon - 1:00pm	<b>Lunch - Learning Innovation Center (LINC)</b>
1:00pm - 4:00pm	PM Workshops at the Learning Innovation Center (LINC)
4:00pm - 5:00pm	Learning Innovation Center (LINC) Tour
5:00pm - 5:30pm	Break
5:30pm - 7:00pm	<b>Cocktails and Appetizers - Corvallis Museum</b> <b>Sponsored by HETMA</b>

### Corvallis Museum

The Corvallis Museum is the center of the community, fostering dialogue and ideas that catalyze an inclusive understanding of our past and culture, and consideration of the shared future we hope to create. Located at: 411 SW 2nd St, Corvallis, OR 97333

# Conference Schedule (Wednesday & Thursday)

Wednesday, March 27<sup>th</sup>

See the Workshops listing on PAGE 17 for details!

	<b>Track 1 Elle/Burlingham Room</b>	<b>Track 2 Trysting Tree Room</b>	<b>Track 3 Willamette Room</b>	
<b>8:00am - 9:00am</b>	<b>Breakfast - CH2M Hill Alumni Center</b>			<b>Exhibitor space open</b>
<b>9:00am - 9:45am</b>	Rate your rooms - Comparing classrooms with the Learning Space Rating system	Unifying Student & Faculty Productivity Platforms	Virtual Reality: One Year in Retrospect	
<b>10:00am- 10:45am</b>	The future of configuration and AV control: Atlona Cloud Configuration	An Evolving Software Procurement Process: Assessing Accessibility in Software Purchases	Unveiling the Secrets of Integrations	
<b>11:00am- 11:45am</b>	AV over IP and Control: Leverage Existing Infrastructure to Deliver Content Campus-Wide	Breaking Barriers: How to Increase the Representation and Retention of Women in Technology	Visual Instructor Presence in Lecture Videos: Is Cognitive Load a Concern?	
<b>noon - 1:00pm</b>	<b>Lunch - CH2M Hill Alumni Center</b>			
<b>1:00pm- 1:45pm</b>	Grizzflex & Vaddio: A Winning Combination for Oakland	Revitalizing Classroom Technology Support	Five Year Forecast	
<b>2:00pm- 2:45pm</b>	Designing with USB	Lightening Rounds!	Defining Metrics of Successful AV in Learning Spaces	
<b>3:00pm- 4:30pm</b>	<b>Exhibitor Showcase - Ballroom</b>			
<b>4:30pm- 5:30pm</b>	<b>Reser Stadium Tour</b>			
<b>5:30pm- 7:30pm</b>	<b>Dinner at CH2M Hill Alumni Center Ballroom Sponsored by Crestron</b>			

Thursday, March 28<sup>th</sup>

	Track 1 Elle/Burlingham Room	Track 2 Trysting Tree Room	Track 3 Willamette Room	
8:00am - 9:00am	Breakfast - CH2M Hill Alumni Center			Exhibitor space open
9:00am - 9:45am	Implementing AV over IP, and other scary things – a case study	We live stream 4,536 hours of video on YouTube every week. Ask me how!	Using AI@Work: A hands-on exploration of generative AI	
10:00am - 10:45am	Where AV Meets USB	When is Good Enough Good Enough? (Hint: it's not as often as you think...)	Building Immersive Classrooms to Increase Student Engagement and Drive Enrollment	
11:00am - 11:45am	A Central Media Asset Management Tool for the Campus	Developing Institutional Audiovisual Standards	Supporting Teaching and Learning in the Round	
noon - 1:00pm	Lunch - CH2M Hill Alumni Center			
1:00pm - 1:45pm	Unleash the future	Good Bones: The Value of Core Facility Infrastructure for Successful AV Installations	Unleashing power of classroom capture	
2:00pm - 2:45pm	Data-Driven AV Support: What Comes Next?	Earn a Valued Seat at Campus Project's Table	Lightening Rounds!	
3:00pm - 3:45pm	We are heading into a new era of learning. Is your technology ready to meet the demands?	Zoom Spaces Experience Tour	Top 10 Things to Avoid in Your Next AV Project	
4:00pm - 5:00pm	Exhibitor Showcase - Ballroom			
5:00pm - 6:00pm	Patricia Valian Reser Center for the Creative Arts (PRAX) Tour			
6:00pm - 9:30pm	Dinner and Closing Party at McAlexander Fieldhouse (Auction to spend MET Money!!!)			

# Conference Wrap-up

Friday, March 29<sup>th</sup>

8:00am-8:30am	<b>Breakfast - Learning Innovation Center (LINC)</b>
8:30am-9:30am	Bus trip to the Oregon Coast
9:30am-noon	Oregon State University Newport Campus Tour
noon - 1:00pm	<b>Lunch - Gladys Valley Marine Studies Building</b>
1:00pm-2:00pm	Bus trip back to Corvallis
	<b>See you next year in Boise!</b>

## CH2M Hill Alumni Center

The CH2M HILL Alumni Center has over 24,000 square feet of indoor and outdoor meeting and conference space and is located on the beautiful campus at Oregon State University. The Center features a wide variety of divisible spaces to accommodate everything from large regional and national conferences to smaller local meetings and social events. Located at 725 SW 26th Street, Corvallis.

## McAlexander Fieldhouse

Located on the east side of campus, McAlexander Fieldhouse has indoor turf fields, hardwood courts and a rock-climbing wall. Located at 1800 SW Jefferson Way, Corvallis.

## Oregon State University Newport Campus

The Hatfield Marine Science Center (HMSC) is a marine science research and education center next to Yaquina Bay of the Pacific Ocean. It is operated by Oregon State University in cooperation with five state and federal agencies co-located on site. Named after Mark Hatfield, a former U.S. Senator from Oregon, the HMSC occupies a 49-acre site in Newport.



## AV Superfriends



The AV SuperFriends are a group of Audio & Video, Higher Education Technology and eLearning nerds, sharing their successes and failures related to the intersection of AV and pedagogy. Come with us as we explore AVoIP, Classroom, Broadcast, and Collaboration Technology!

- Christopher Dechter  
*University of Wyoming*
- Jamie Rinehart  
*University of Missouri - Kansas City*
- Marc Cholewczynski  
*Oregon State University*
- Larry Darling  
*University of North Carolina - Greensboro*
- Justin Rexing  
*Western Kentucky University*

Visit the AV SuperFriends at  
**[avsuperfriends.com](http://avsuperfriends.com)**

Twitter - @AVSuperFriends  
LinkedIn - [linkedin.com/company/avsuperfriends](https://www.linkedin.com/company/avsuperfriends)  
Email - [mailbag@avsuperfriends.com](mailto:mailbag@avsuperfriends.com)

## Keynote Speaker - Christopher Sullivan



Christopher Sullivan is currently the Director of Research and Academic Computing in the College of Earth, Oceans and Atmospheric Sciences (CEOAS) at Oregon State University. In this position in CEOAS he works with different faculty researching a variety of topics such as identification of plankton in our oceans, or modeling species diversity in forests to assembly of genomes. This macro-level perspective provides a unique opportunity to identify and remove limits affecting all research computing. In his talk, Chris will be focused on his recent work in the area of using Machine Learning and Artificial Intelligence with large data sets in scientific research.



**Oregon State University**  
**College of Earth, Ocean,  
and Atmospheric Sciences**



**biamp.**

## Tesira 201: Practical Principles

**All Day Session**

**Location: LINC 343**

Entering the world of DSP programming has never been easier. Meant for those who are new to Tesira, this in-person event first allows trainees to become familiar with the entire platform of audio and video solutions. Focus then shifts to a hands-on workshop, where trainees who have little to no experience will build, from the ground up, the hardware and software configuration for a small UC based conferencing system. Tesira Practical Principles is the ideal opportunity to learn-by-doing and see how approachable, yet powerful a Tesira solution can be.

Accreditation: 3.5 AVIXA CTS RU Credits

Requirements: None (Tesira 101 Core Concepts is recommended, but not required for enrollment)

**biamp.**<sup>TM</sup>



## Crestron Network Solutions – Design (CNS-D)

**All Day Session**

**Location: LINC 345**

This one-day course will serve as an introduction to the world of computer networking design for Crestron products. Focus is on how A/V technology design integrates into the modern-day network. It is crucial for those in the A/V industry to embrace the computer network and include networking as part of an industry skill set. This course is an introduction to the design concepts and decisions needed when working with the IT and networking world. Participants will also be given the opportunity to get hands on experience with the Netgear line of AV switches.

Accreditation: 3.5 AVIXA CTS RU Credits

Requirements: Register at the Crestron Technical Institute (CTI).





## Q-SYS Architect

### AM Session

**Location: LINC 314**

Q-SYS Architect Training is an entry level to Q-SYS Ecosystem. It empowers you to specify your next Q-SYS installation, with no programming or commissioning knowledge required. Perfect for AV consultants, end-users, pre-sales engineers and those who design or specify Q-SYS systems.

Accreditation: 2.0 AVIXA CTS RU Credits

Requirements: Register for a QSCID with your .EDU address for credit.



## Q-SYS Technician Jumpstart

### PM Session

**Location: LINC 314**

Incorporates the "Introduction to Q-SYS Designer and Core Manager", "Planning Clocking Domains – Dante | Q-LAN | AES67" and "Best Practices with Gain Structure & AEC" courses (60 minutes each)

Accreditation: 1.5 AVIXA CTS RU Credits

Requirements: Q-SYS Level 1 Online: Hardware Overview (15 min) & Software Overview (67 min).





 Dante®

## Dante Certification Level 1, Second Edition

AM Session

Location: LINC 302

This training introduces attendees to the Dante platform. It offers fundamental knowledge on digital audio, networking addresses and how to use Dante Controller with your Dante devices. This is enough knowledge to operate a Dante system in daisy chain mode or on a single network switch.

Accreditation: 3.0 AVIXA CTS RU Credits

Requirements: Pass the Dante Level 1 Certification test after the course for AVIXA credit.

 Dante®

## Dante Certification Level 2, Second Edition

PM Session

Location: LINC 302

Dante Certification Level 2 offers a deeper explanation of how to create larger networks. This class offers insights on how much bandwidth is used, how to manage it, basic optimization, and factors if you wish to synchronize to an external clock. Level 2 is helpful when working on systems that will involve multiple network switches.

Accreditation: 3.0 AVIXA CTS RU Credits

Requirements: Pass the Dante Level 2 Certification test after the course for AVIXA credit.







## Atlona: Classroom Design Small, Medium, and Large

AM Session

Location: LINC 368

Entering the world of classroom setup and interface setup has never been more important. Meant for those who are new to Atlona, this in-person, and hands on event, first allows trainees to become familiar with the Velocity control platform, Omega video/audio switchers, and other video solutions. Included in the training, attendees will configure the NEW AT-VKP-8E, designed for single room solutions using the Atlona Cloud, first released at ISE 2024. Attendees will also configure the NEW Omega “classroom” series switcher. Attendees will also design larger classroom spaces using the Velocity control platform. This hands-on workshop will allow attendees to build, from the ground up, the hardware and software configuration for a small classroom, a mid-size classroom and then a larger space. Atlona Classroom Design Small to Large is the ideal opportunity to learn-by-doing and become more familiar with a “configuration based” software platform.

Accreditation: AVIXA CTS RU Credits Pending

Requirements: Atlona on-line classes 101 and 201 are recommended.

Products covered:

(Recently released) AT-VKP-8E: Velocity™ 8 Button Keypad Controller and Configuration

(Recently released) AT-OME-CS31-SA: Omega AV Switcher, Mixer Amplifier, and USB Hub

Velocity System – AV Control, Room Scheduling, Asset Management

Atlona OmniStream AV over IP: Simple Networked AV



# ATLONA®

a **PANDUIT**® company



## Wednesday

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9:00 AM – 9:45 AM

### **Rate your rooms – Comparing classrooms with the Learning Space Rating system**

**Dan Case, Carroll College**

**Location: Room 111 (Elle/Burlingham)**

Talking about space requirements for students, active learning environments and how to rate your classrooms to request upgrades.

### **Unifying Student & Faculty Productivity Platforms**

**Amy McLaughlin; Mike Akey; Carolyn Rothwell**

**Oregon State University**

**Location: Room 114 (Trysting Tree)**

Productivity platforms (email, word processing, presentations, messaging, etc.) are a foundational tool set for student and faculty interaction. For OSU students, faculty and staff, the experience was inconsistent and spread across multiple platforms. In 2023 we consolidated onto a single productivity platform leveraging an email migration to unify the experience for all members of our OSU community. Was there drama? Yes! Challenges? Yes! Opportunities? Yes! Join us to learn from our journey through an organizational and technical transformation.

### **Virtual Reality: One Year in Retrospect**

**Jo Ann Arinder, University of Oregon**

**Location: Room 115 (Willamette Room)**

For an entire COVID school year, I supported students in VR. Hear what went right, what went wrong, and what would work better next time. Then take a turn in a Quest 2 VR HMD and decide for yourself.

## Wednesday

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10:00 AM – 10:45 AM

### **The future of configuration and AV control: Atlona Cloud Configuration**

**Jason Parson, Atlona**

**Location: Room 111 (Elle/Burlingham)**

Atlona Cloud is an online configuration and management platform for the AT-VKP-8E. Use its intuitive interface to define the label, icon, and LED behavior for each button as well as macros for controlling room technology. The embedded file management system can be used to organize projects and share them with colleagues.



## **An Evolving Software Procurement Process: Assessing Accessibility in Software Purchases**

**Ana Thompson, University of Washington Bothell**      **Location: Room 114 (Trysting Tree)**

How do you process software requests purchases? What are your organization policies? As part of our new UWFT (University of Washington Financial Transformation) process and the launch of Workday® Finance in summer 2023, we redesigned our software request procurement process. In this presentation, I'll share the basic overarching methodologies and policies that govern our software purchase requests and my work in accessibility assessments at the UW Bothell campus.

## **Unveiling the Secrets of Integrations**

**Tasha Biesinger; David Rios**

**Oregon State University**

**Location: Room 115 (Willamette Room)**

We will share our process for vetting and testing LTI 1.3 integrations for our LMS (Canvas), including how we uncover integration steps/permissions that are required vs desired by the vendor.

## Wednesday

**11:00 AM – 11:45 AM**

## **AV over IP and Control: Leverage Existing Infrastructure to Deliver Content Campus-Wide**

**Joseph Frotton, Extron**

**Location: Room 111 (Elle/Burlingham)**

As educational institutions continue to innovate, audiovisual technology remains a core pillar for enhancing next-generation learning spaces and yielding positive outcomes for both faculty and students. This session will explore the new realm of AV over IP technology and how you can optimize your network to distribute audiovisual content to every corner of your campus. We will learn how to distribute AV over IP in active learning classrooms with multiple displays. Discover the role of encoders, decoders, and IP switches. Learn considerations for delivering professional quality audio with the AES67 standard and visually lossless video at high resolutions and ultra-low latency. We will also dive into AV and network infrastructure concepts such as compression, bandwidth requirements, codecs, and network switch protocols. Lastly, this session will discuss the benefits of incorporating AV control and distributed audio into the world of AV over IP. Explore how centralized AV control systems can elevate the overall learning experience, making it more dynamic and interactive.



## **Breaking Barriers: How to Increase the Representation and Retention of Women in Technology**

**Kristina Case; Marjorie McLagan; Weiwei Zhang; Carolyn Rothwell**

**Oregon State University**

**Location: Room 114 (Trysting Tree)**

Despite the growing demand for tech talent, women remain underrepresented and undervalued in the technology industry. This session will explore the challenges and opportunities for women in tech, and share best practices and strategies to attract, support, and retain more women in technical roles.

## **Visual Instructor Presence in Lecture Videos: Is Cognitive Load a Concern?**

**Tianhong Shi; Dana Simionescu; Jana King**

**Oregon State University**

**Location: Room 115 (Willamette Room)**

We will share new optional practices of promoting instructor presence in lecture videos, and the research behind the support for such new practices.

## **Wednesday**

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**1:00 PM – 1:45 PM**

## **Grizzflex & Vaddio: A Winning Combination for Oakland**

**Doug McCartney, Oakland University**

**Abbi Terich, Legrand**

**Location: Room 111 (Elle/Burlingham)**

Oakland University, Rochester Michigan has developed a successful partnership with Legrand Vaddio in the development of the new campus standard for virtual learning on campus, called: "Grizzflex". We will discuss the need, the scalability and the anticipation of adding more Grizzflex rooms to the campus.

## **Revitalizing Classroom Technology Support**

**Cass Hall; Jake Robillard; Ryan Lien**

**University of Idaho**

**Location: Room 114 (Trysting Tree)**

Join us to learn about our story about how we flipped our approach to classroom technology support. We'll share the many changes we've made to how we support classrooms including: part-time and work-study first responders, welcome emails, newsletters, knowledge base articles, lectern "enhancements", 360 tours, instructional videos, feedback, and training. The session will wrap up with participants sharing their approaches/ideas so that we can learn from the crowd.

## Five Year Forecast

### AV SuperFriends

**Location: Room 115 (Willamette Room)**

Join the AV SuperFriends as they look in the far-flung future and prognosticate about upcoming technologies you'll be implementing, trends you should be watching, the challenges that will become your biggest support headaches, and what you can do right now to prepare. These predictions aren't just pie-in-the-sky, marketing buzzwords, but real-world applications of tools and technology that you will be using in the future. We won't just review what's coming this year and next year, but WAAAAAY out there.

## Wednesday

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2:00 PM – 2:45 PM

### Designing with USB

#### David Lockett, Crestron

**Location: Room 111 (Elle/Burlingham)**

Modern learning spaces require integration with USB devices. From hybrid classrooms to lecture capture, this course is designed to provide you with the knowledge needed to successfully design AV systems with USB devices. Learn how USB works today, and how it's evolving for the future.

### Lightning Round 1

**Location: Room 114 (Trysting Tree)**

#### UDL for AV/IT

Jo Ann Arinder, University of Oregon  
Adam Pritt, University of Oregon

#### Super Charge Zoom & Teams Collaboration

Neat, Brad Pepper, Neat

#### Revitalizing Legacy Tech: Transforming Your Classroom For Hybrid Learning

Gabrialla Cockerell, Seattle Pacific University  
Karen Park, Seattle Pacific University  
John Robertson, Seattle Pacific University

## Defining Metrics of Successful AV in Learning Spaces

### AV SuperFriends

**Location: Room 115 (Willamette Room)**

Over the last three years, almost every university has dramatically expanded the quantity and revised the design of AV-enabled learning spaces, but was that expansion of presentation and conferencing technologies successful? This session will explore the methodology and process of how to develop your own metrics at your institution. This session will not focus on how to build AV-enabled learning spaces, but rather why we build those spaces and how to evaluate the AV in them.



## THURSDAY

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9:00 AM – 9:45 AM

### **Implementing AV over IP, and Other Scary Things – A Case Study**

**Jim Wellings, Utah State University**

**Location: Room 111 (Elle/Burlingham)**

Utah State University leapt from the precipice and landed neck deep in AV over IP, now designing and building most campus spaces using AVoIP instead of traditional AV gear. What doesn't kill you might make you stronger, but at the very least it's a great teaching tool. We will share insights, experiences, hard lessons, and positive results from our last 5 years of transitioning AV to the network, and shine a light on the scary stuff.

### **We live stream 4,536 hours of video on YouTube every week. Ask me how!**

**Raul Burriel; Chris White**

**Oregon State University**

**Location: Room 114 (Trysting Tree)**

Oregon State University operates dozens of live streaming web cams across campus, the state of Oregon, and the entire nation, providing real time information pertaining to research and infrastructure projects. OSU's University Information & Technology's Academic Technologies collaborates with University Housing and Dining Services to set up and deploy the cameras, routing the video to YouTube for public – and sometimes private – viewing. We will review the infrastructure, equipment, and software necessary to provide such a service at scale.

### **Using AI@Work: A Hands-on Exploration of Generative AI**

**Cub Kahn, Oregon State University**

**Location: Room 115 (Willamette Room)**

Do you consider yourself beginning-to-intermediate level in terms of experience with generative AI tools such as ChatGPT and Bing Chat/Microsoft Copilot? If so, this session will provide an opportunity to learn while you practice with some free AI tools, and to share ideas about how generative AI can support your work as well as enhancing teaching and learning. You'll also be introduced to AI resources developed by OSU Ecampus and the OSU Center for Teaching and Learning. Bring a laptop or mobile device since this will be a hands-on session.

## THURSDAY

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10:00 AM – 10:45 AM

### **Where AV Meets USB**

**Jason Parson, Atlona**

**Location: Room 111 (Elle/Burlingham)**

This class will take a look at the USB standards and integration requirements. The new USB-C and USB-3 formats will be highlighted. USB integration with traditional audiovisual systems, USB host switching, USB extension and troubleshooting will be featured.



## When is Good Enough Good Enough? (Hint: it's not as often as you think...)

**Eric J. Gleske, Oregon State University**

**Location: Room 114 (Trysting Tree)**

With a focus on sound – the medium on which we rely most for sharing information – we reawaken the understanding of the connection between sound quality and the value of information content. By exploring best practices for ensuring high-quality audio capture, a brief overview of some common tech and tips for working with non-technical folks to ensure their success, we find ideas to mitigate common errors in managing audio technologies and recordings to improve content accessibility.

## Building Immersive Classrooms to Increase Student Engagement and Drive Enrollment

**Jimmie Singleton, AVI-SPL LLC**

**Location: Room 115 (Willamette Room)**

Colleges and universities across the nation are facing a decrease in enrollment and lower student engagement in the classroom. Students crave more out of their learning environments, and technology plays a vital role. Whether through a VR headset, a projection mapped room, or virtual production, immersive environments take students beyond the physical classroom and push for further learning exploration. Join this session with AVI-SPL's Business Development Manager, Jimmie Singleton, to learn how to successfully build and support immersive classroom environments that help drive student engagement and increase enrollment.

## THURSDAY

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11:00 AM – 11:45 AM (Thursday)

### A Central Media Asset Management Tool for the Campus

**Todd Stabley, Duke University**

**Location: Room 111 (Elle/Burlingham)**

With the proliferation of digital content creation tools, the rise of university communication teams distributed among schools and departments, and the emergence of professional production teams integrated into IT, the body of digital media assets many universities have been accumulating has been growing exponentially. To help protect Duke's investment in these resources, Duke's Media Technologies team has been working to centralize our approach to media asset management through a service called dMAD (Duke Media Asset Depot), which currently contains nearly 4 million image and video files. Some of the benefits we've seen since launching the project in early 2023 have included discoverability of previously inaccessible materials, increased sharing and collaboration, and better communication of best practices for things like file organization, naming, and metadata. In this session we'll talk about how we defined requirements for the project (for instance, one requirement was that it work on-prem with our existing NAS storage), and how we positioned this service among existing tools and built support from key partners such as Duke's central communications office. We'll discuss tools we evaluated and our comparison process, how our current provider, MediaBeacon, works along with its strengths and limitations, and share our roadmap for the future as well as integrations with other campus tools.



### **Developing Institutional Audiovisual Standards**

**Mike Pedersen, Iowa State University**

**Location: Room 114 (Trysting Tree)**

This session will be about developing a comprehensive set of internal audiovisual standards for an enterprise. This session will start by briefly outlining many of the benefits an organization would receive from internal standards. We will then review the relevant industry standards that exist and their scope and application. It will then move on to describe various types of internal standards that can be built around the industry standards such as general institutional standards, infrastructure standards, control system standards, and contractor standards.

### **Supporting Teaching and Learning in the Round**

**Jon Louis Dorbolo; Marc Cholewczynski; Lynne L. Hindman**

**Oregon State University**

**Israel Fletes, University of California Riverside**      **Location: Room 115 (Willamette Room)**

This presentation addresses issues of supporting the Teaching and Learning in the Round classroom, both technical and educational. University of California Riverside and Oregon State University are early adopters of the Teaching and Learning in the Round classroom designs in which learners are seated in concentric circles around the central presentation space. Each of these institutions has a singular approach to this genre of learning space requiring unique support needs for faculty and students. The presenters have been collaborating to develop an international consortium to raise the knowledge base about Learning in the Round. Together we bring generalized lessons about these innovative learning spaces.

## **THURSDAY**

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**1:00 PM – 1:45 PM**

### **Unleash the Future**

**Michael Hooper; Richard Mitchel, Biamp**

**Location: Room 111 (Elle/Burlingham)**

Supercharge your classroom with mind-blowing AI. Use advanced AI technology to transform classroom acoustics.

### **Good Bones: The Value of Core Facility Infrastructure for Successful AV Installations**

**Mike Pedersen, Iowa State University**

**Location: Room 114 (Trysting Tree)**

Having the right facilities infrastructure to support your audiovisual systems installations can make all the difference in project success. In this session we will discuss critical infrastructure for audiovisual installations including power, raceways, back boxes, backer boards, and more. We will share tips on how to build relationships with your facility management staff as well as outside consultants and general contractors.





## Unleashing power of classroom capture

Dave Vida, Epiphan Video

Andrew Piper, Panopto

Location: Room 115 (Willamette Room)

Sharing the secrets on how to empower your faculty, students, and staff with a unified AV solution from the experts at Epiphan Video and Panopto.

## THURSDAY

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2:00 PM – 2:45 PM

### Data-Driven AV Support: What Comes Next?

Jared Mukai; Nick Maniglia

Pepperdine University

Location: Room 111 (Elle/Burlingham)

At NWMET 2022, Pepperdine University's Audio-Visual Technologies (AVT) team shared actionable and sustainable data-driven methods to tackle the ongoing divide between perception and reality with respect to reliable classroom technology. This time around, come learn how Pepperdine AVT utilizes years of collected data to identify, monitor, and attack root issues to systematically improve the classroom technology experience.

### Earn a Valued Seat at Campus Project's Table

Don De Mello, Oregon State University

Josh Hamon, Stantec; Robert Durbin, Kramer AV

Location: Room 114 (Trysting Tree)

Whether cookie cutter or cutting edge, collaborating is essential to delivering supportable, enterprise level AV systems. Learn from OSU AV, OSU Capital Projects and others about their past and current relationship. How they get and keep a seat at the table of every campus project.

### Lightning Round 2

Location: Room 115 (Willamette Room)

#### Cohesive Course Design Using A Deck of Cards

Qin Li, University of Utah

Jon Thomas, University of Utah

Holly K. Johnson, University of Utah

#### HyFlex Voices: Affordances in Audio

Jo Ann Arinder, University of Oregon

Adam Pritt, University of Oregon

#### Create, Engage, Share ... Prompt?

Julian Prior, Langara College



## THURSDAY

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3:00 PM – 3:45 PM

**We are heading into a new era of learning. Is your technology ready to meet the demands?**

**Todd Teachenor; Matt Griesert, Sharp**

**Location: Room 111 (Elle/Burlingham)**

Sharp helps schools and universities stay ahead of the curve when it comes to supporting their spaces with the latest technology. In this session you will gain new perspective on the ways digital technology can elevate learning environments, empowering students and staff to have success in the classroom and across the campus.

**Zoom Spaces Experience Tour**

**Debbie McFarland; Danny Mariscal; Felipe Henao**

**Zoom**

**Location: Room 114 (Trysting Tree)**

A live and interactive experience that will give you a dynamic view into the day in the life of a hybrid student, faculty member, or employee — we'll showcase all the latest and greatest solutions across the Zoom platform that are designed to make hybrid teaching, learning, and working seamless and frictionless for your institution.

**Top 10 Things to Avoid in Your Next AV Project**

**AV SuperFriends**

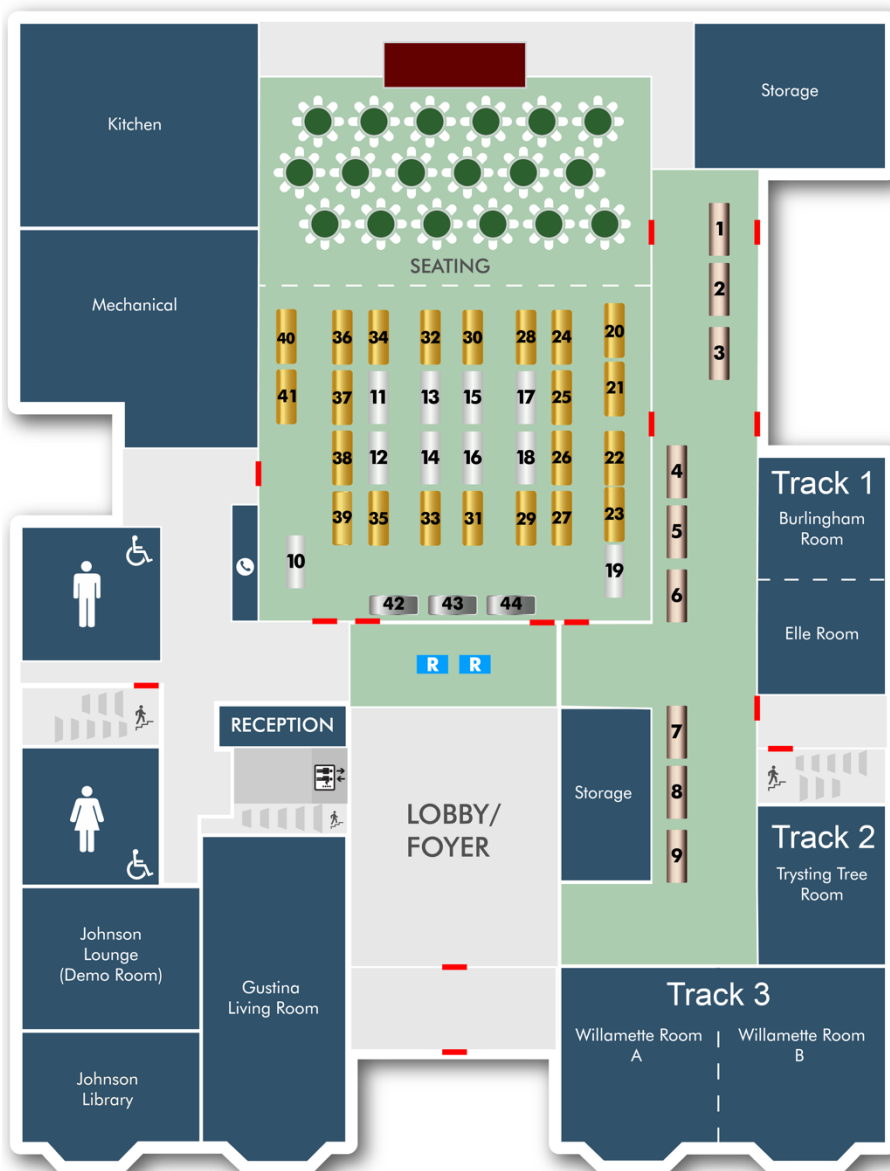
**Location: Room 115 (Willamette Room)**

Each new AV project is not only an opportunity to improve your learning spaces with increased usability, streamlined operations, and new technologies, but a chance to make all sorts of terrible, system-threatening mistakes. Join the AV SuperFriends as we review our Top 10 items you need to avoid doing in order to ensure your AV systems are supportable, scalable, and sustainable for the long term. We'll explain why each is a bad idea and what alternatives you should be using instead. We guarantee you're making at least one of these mistakes right now!

# Sessions and Exhibitor Map



CONFERENCE LOCATION	REGISTRATION
PLATINUM TABLE	DOOR / ENTRANCE / EXIT
GOLD TABLE	ELEVATOR
SILVER TABLE	STAIRS
BRONZE TABLE	STAGE
TOILETS	



## Exhibitors:

1. Brownstone/Shure
2. LightWerks
3. Jetbuilt
4. Computer Comforts
5. Listen Technologies
6. Neat
7. Q-SYS
8. Williams AV
9. WolfVision
10. Spectrum Industries
11. Newline Interactive
12. Atlona
13. Alfatron Electronics
14. LG Electronics
15. ELMO USA Corp
16. Extron
17. Flipnode LLC
18. Visix
19. Samsung
20. Advanced Classroom Technologies
21. Zoom
22. B&H Photo Video
23. Symetrix
24. AVI-SPL LLC
25. Clear Touch
26. Daktronics/Brinoch
27. Epiphan Video
28. Epson America, Inc
29. Intelligent Video Solutions
30. Kramer
31. Legrand/BrightSign
32. Liberty AV Solutions
33. Panasonic
34. CDW
35. Ponopto
36. Logitech
37. Bluum
38. Sennheiser
39. Sharp
40. Squirrels LLC
41. Amazon Web Services
42. Biamp
43. Audinate (Dante)
44. Crestron Electronics



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