8:00 AM..**REGISTRATION OPENS**
Location: KSU Hotel

9:00 - 10:00 AM.......................................**Ohio Valley Internet2 Consortium Meeting**
Location: Franklin Hall, 339

10:00 - 12:00 PM..**OARnet Member Meeting**
Location: Franklin Hall, 340

10:00 - 12:00 PM...**IUC - Security Meeting**
Location: KSU Hotel, Presidential Board Room

12:00 PM...**LUNCH**
Sponsored by: Palo Alto Networks   **Location:** KSU Hotel, Ballroom

12:30 - 2:00 PM...**WELCOME & KEYNOTE ADDRESS**
Location: KSU Hotel, Ballroom

Welcome: Ed Mahon, CIO, Kent State University

IT MOVES TOWARDS DOMINATE DESIGN

Ken Spangler will present the IT trend toward "dominant design" -- and how dominant design in servers, storage, networks and software are fundamentally changing the world of enterprise computing.

Ken Spangler, FedEx Ground and FedEx Freight

2:00 PM..**BREAK**

2:15 - 4:30 PM..**IUC CIO MEETING**
Invited participants only.   **Location:** KSU Hotel, Presidential Board Room

2:15 - 3:15 PM...**BREAKOUT SESSION 1**

CHEAP, QUICK, AND EASY KIOSKS USING IPADS AND OTHER MOBILE DEVICES

Track: Administrative Systems   **Location:** Franklin Hall, Room 213

Availability of inexpensive or free kiosk software for mobile devices has made it possible to automate an increasing number of areas in higher education. Stand-alone iPad kiosks locked down physically and electronically can improve customer service, increase service options, reduce staff, and cut costs. This session will explore two mobile kiosk projects at The University of Toledo, from requirements gathering using professional app mock-up

software all the way through product development and delivery. Audience interaction is encouraged, and several examples of HTML5 coding techniques for mobile devices will be presented.

Donald Curtis, The University of Toledo

ALWAYS ON. USING VCLOUD DIRECTOR FOR DYNAMIC STUDENT LAB ENVIRONMENTS IN HIGHER EDUCATION

Track: Cloud   **Location:** Franklin Hall, Room 312/314

VMware's vCloud Suite, specifically vCloud Director, are tools that are enabling educators to develop and create dynamic remote lab environments for students. These lab environments can be generated on demand and modified as necessary to provide an easily supportable learning environment. In addition to student learning use, system developers and engineers can make use of a sandbox environment that takes advantage of software defined networking (SDN) and software defined security (SDS). Since vCloud Director makes use of SDN and SDS, development and test environments can be brought online as needed and destroyed when not in use without making changes to the physical infrastructure.

Justin Bumbico, Todd Whittaker, Franklin University

IMPLEMENTATION OF IDENTITY MANAGEMENT SOLUTION WITH MICROSOFT™ FOREFRONT IDENTITY MANAGER® (FIM)

Track: Administrative Systems   **Location:** Franklin Hall, Room 317

Identity Management is a challenging issue in higher education with a large number of users and regular provisioning, de-provisioning and role changes for students, faculty and staff. Marshall University IT staff went through different iterations of account management systems over the years and recently implemented a new solution based on Microsoft™ Forefront Identity Manager® (FIM). With the new system deployed in place, users are brought from Ellucian® Banner® with all their data including roles and groups and are created in Active Directory with updated group memberships. This solution provided authentication (creating account credentials in Active Directory) and initial authorization (granting certain privileges via group membership based on roles and criteria in Banner®). This presentation takes the audience though the process of planning, deploying and operating this solution and offers lessons learned practices used.

Edward Aractingi, Marshall University

INTERNET2 AND YOU

Track: Cloud   **Location:** Franklin Hall, Room 321

A discussion of current capabilities and uses of Internet2 and Net+ services currently offered.

Chris Bernard, Miami University

KIOSKS ON VDI: DOING THE HARDEST THING FIRST

Track: Server/Network Infrastructure   **Location:** Franklin Hall, Room 339

A deep dive into the technical hurdles and tough decisions made in our kiosk refresh that led us to a pure thin client and VDI environment that is hardened to withstand the toughest registrations and conditions. What we learned was essential to our next phases with VDI.

Peter Anderson, Cuyahoga Community College

BOX CLOUD STORAGE AND COLLABORATION

Track: Cloud   **Location:** Franklin Hall, Room 340

Both Ohio State and Ohio University had requests from Departments and Colleges for a collaboration tool that would make it easy to collaborate not only with faculty and staff on campus, but also with people outside of our respective Universities. Prior to rolling out Box, Ohio State and Ohio University did not have an approved, secure file sharing and collaboration solution, leaving faculty and staff to use any free or paid service they could find, and leaving our University's data spread across services such as DropBox, SkyDrive/OneDrive, Google Drive.

David Alexander, Ohio University; Brant Thomas, The Ohio State University

3:15 PM...**BREAK**
  Sponsored by: Adobe Systems, Inc.   **Location:** Franklin Hall

3:30 - 4:30 PM...**BREAKOUT SESSION 2**

A FEASIBILITY STUDY OF THE NEW GENERATION SAAS ERP SYSTEMS

Track: Cloud   **Location:** Franklin Hall, Room 213

Two years ago, Cleveland State University (CSU) began the process of evaluating whether or not Cloud Based SaaS ERP systems were a viable option. CSU has been on its current "legacy" ERP system (PeopleSoft) for 15 years and felt there was potential for the new generation of cloud based ERP systems to provide a more strategic and easier to manage platform to work with. This presentation will go over the reasons why CSU began this process, how well these systems would meet our needs, and our conclusions about their potential.

Peter Phillips, Cleveland State University

UA VIRTUAL LAB IMPLEMENTATION REBOOTED

Track: Educational Technology   **Location:** Franklin Hall, Room 312/314

Discuss how The University of Akron provided an "always on" remote computer lab environment that enabled students to gain access to software and tools necessary to accomplish specific requirements for their degree programs. Learn how the University

of Akron stood up a Cloud based Virtual Desktop Computer lab and then moved it back into the UA Data Center. Topics to be discussed are Cloud Based VDI, Desktops as a Service Model, VDI Costs, Software Licensing, Metrics, Training Faculty & Students on how to access.

Eugene Marchand, University of Akron; Nick Zambo, Citrix

TWO-FACTOR AUTHENTICATION

Track: Security   **Location:** Franklin Hall, Room 317

Security incidents prompted Miami to look at implementing two-factor authentication (TFA) for all users for specific systems. This presentation will discuss the overall approach, the code that we were able to leverage from UPenn, challenges posed by design decisions we made, our deployment strategy, and our experiences to date with TFA at Miami.

Joe Bazeley, Miami University

NEXT GENERATION DATACENTER - COMPUTE, STORAGE, VIRTUALIZATION ON PREM AND IN THE CLOUD: A HYBRID SUCCESS STORY

Track: Cloud   **Location:** Franklin Hall, Room 321

Learn how Kent State University built the datacenter of tomorrow. Discuss dense computing through the use of blade and storage technologies including converged architectures. Utilization of Virtualization (VMware) as well as cloud compute and storage integration topics.

Walt Bainey, Todd Ryan, Joe Friscone, Kent State University

TOOLS AND TRICKS FOR MANAGING MODERN HIGHER-ED DATA CENTERS

Track: Server/Network Infrastructure   **Location:** Franklin Hall, Room 339

This session discusses how data center managers effectively deal with day-to-day tasks. The presenter shares helpful tips to reduce the environment complexity and increase staff productivity in monitoring servers, storage and other hardware, managing HVAC cooling and power utilization, maintaining redundancy, physical security, patching and securing applications. The session presents the typical components of modern data centers, explains how modern data center is transforming and highlights some of the challenges that require tools to manage. IT also provides a real-world example of solutions used by the presenter to manage the data center efficiently with limited staff.

Edward Aractingi, Marshall University

MIGRATING VOICE SERVICES TO THE CLOUD

Track: Cloud   **Location:** Franklin Hall, Room 340

The question isn't whether or not to deploy voice in a virtualized environment. Is it viable? Our speaker will tell attendees how to deploy a virtualized model and do so in a way that will be most cost effective for the University. In this event you will learn about the four models of deploying UC—on-site, public cloud, private cloud and hybrid cloud—and how

to determine which model is best for your organization. We will help you compare each model's capital and operational expenses, as well as the risk factors involved so that you're able to make an informed decision and mitigate any potential challenges ahead of time.

Stephen Brown, Frontier Communications & Mitel Communications

5:00 - 6:00 PM...RECEPTION

Sponsored by: MCPc, Inc.   **Location:** KSU Hotel, Ballroom

Alex Bevan - In a few short words...Alex Bevan has been sharing his voice, guitar, music and stories with audience for more than forty years. First known as the "Skinny Little Boy" from Cleveland, Ohio who came to "Chase your wimmin' and drink your beer", Alex has made a name for himself throughout the Regional Ohio music scene. Drawing on his deep skill set of imaginative and honest song writing combines with an agile, improvisational wit that dovetails wonderfully with his flawless guitar slinging, Alex never fails to delight and charm audiences no matter what the venue. His recordings span the gamut from folk to folk rock and pop to children's educational music. He has won a number of awards for his commercial efforts in radio and television including an Emmy for his score of the "American Promise –Rustbelt Blues" for WKYC. Alex's creative works have also contributed to documentary film scores.

The recent release of "I have No Wings", on Fiddler's Wynde Records (his 21st recording of original music) celebrates the mature vision of a songwriter who connects the dots from "back in the day" to the present with poetry, compassion and a knack for melody unmatched by many in the modern music movement."

www.alexbevan.com

6:00 PM..DINNER

Sponsored by: AdvizeX Technologies   **Location:** KSU Hotel, Ballroom

7:30 PM...BLUES NIGHT

Location: Water Street Tavern, 132 S Water Steet

Join us for Blues Night at the Water Street Tavern. Water Street Tavern is the premier venue in Kent and beyond for food, drink, and fun!

On Stage....Colin John Band
An accomplished, versatile musician,Colin commands the stage with both his guitar prowess and passionate singing. Coming from The Big Island of Hawaii, Colin John, "The Transpacific Bluesman" is internationally regarded and recognized as a unique musician, possessing equal skill on acoustic, resonator and electric guitars.

"This is what Jimi Hendrix might have sounded like if he abandoned the rat race, moved to Hawaii, taken up surfing and let the sun and waves bestow their laid-back highs"- Guitar Player Magazine on Colin's music" Guitar Player Magazine on Colin's music.

7:30 AM..**REGISTRATION OPENS**
Location: Franklin Hall, 3rd Floor

8:00 - 9:00 AM ....**BREAKFAST**
Sponsored by: CentraComm   **Location:** Rockwell Hall, Atrium

9:15 - 10:00 AM..**BREAKOUT SESSION 3**

IMPLEMENTING A DATA WAREHOUSE: MEETING THE NEED

Track: Administrative Systems   **Location:** Franklin Hall, Room 213

Building on the successes of the past year, the BGSU Data Warehouse team now begins the task of documenting client requirements, identifying data sources, developing star schemas and presenting end-user reports. Beginning with a brief overview of the extract, transform and load (ETL) process that was presented at last year's OHECC event, the bulk of this presentation will focus on interviewing upper administrators to determine their needs and then working with the data once you have it.

Amy Beltano, Theresa Sherwood, Bowling Green State University

HOW AVB IS CHANGING NETWORKING AS WE KNOW IT

Track: Educational Technology   **Location:** Franklin Hall, Room 312/314

More AV Streaming! Students, Faculty and Administrators alike are seeking richer content, often involving the live streaming of audio and video content—across campus, or around the globe. In response, the IEEE is evolving Ethernet to better accommodate such time-sensitive data, automatically managing clocking, bandwidth reservation, and QoS... Dynamically! Attend and find out what Audio Video Bridging could mean for your network and content delivery systems, now, and in the future.

Read Wineland, Biamp Systems

INNOVATIVE APPROACH TO DATA SECURITY AND COMPLIANCE IN A HIGHER EDUCATION

Track: Security   **Location:** Franklin Hall, Room 317

While having a robust Enterprise Risk Management function in your organization is a big plus, the proposed approach also allow defining data security "risk function" in an absence of the overarching risk management program. The approach is intuitive, easy to understand, and apply against virtually any academic institution. Unlike other frameworks, it focuses on allowing faculty, students, staff and other partners meet their objectives while staying safe and compliant.

Bogdan Vykhovanyuk, Matthew Williams, University of Cincinnati

VOICE IN THE CLOUD~ THE NEXT GENERATION TELEPHONY SERVICE

Track: Cloud   **Location:** Franklin Hall, Room 321

CBTS, Ohio's leading Public Sector IT Managed Service Partner, offers a dynamic suite of fully integrated voice and data solutions which consolidate emerging, collaborative services such as: VOIP, SIP trunking, unified communications, unified messaging, wireless network integration, call centers, E911, audio/video conferencing, and emergency mass broadcasting services. Join us as we provide an inside view of the CBTS hosted service platform, Next Generation Telephony Service (NGTS) and learn firsthand how NGTS offers a comprehensive set of the most innovative, cost effective solutions that finally link the unique needs of higher education with state of the art technology communications.

Jenni Heckman, Dave Absalom, CBTS

OHIO CENTERS OF EXCELLENCE

Track: Cloud   **Location:** Franklin Hall, Room 339

Join our speaker and a panel of Higher Ed CIO's as we discuss two differing concepts surrounding Centers of Excellence in the State of Ohio and how your school can benefit.

Chris Bernard, Miami University

CLOUD COMPUTING: PREPARING FOR THE TRANSITION

Track: Cloud   **Location:** Franklin Hall, Room 340

For most organizations, the adoption of cloud-based services is a "when," not "if," proposition. While there are technical hurdles to overcome, the more compelling requirements involve the shift of business responsibilities to third-parties. In this presentation, Gartner Senior Director Kevin Kampman discusses how to develop an adoption plan for secure cloud-based services.

Kevin Kampman, Gartner

10:00 AM ....**BREAK**
    Sponsored by: Cadre Information Security   **Location:** Franklin Hall

10:15 - 11:00 AM...**BREAKOUT SESSION 4**

JMC STUDIO - DIGITAL TELEVISION STUDIO AND CONTROL ROOM TOUR

See description on page 8.   **Location:** Franklin Hall

RETENTION LIKE YOU'VE NEVER SEEN IT!

Track: Administrative Systems   **Location:** Franklin Hall, Room 213

This presentation allows Miami University to show off their new MUSST analytical tool.

A BI application that provides verifiable retention and graduation metrics by student characteristics to support Miami's retention goals. The presentation will also cover the methodologies used and lessons learned while creating this successful project.

Phyllis Wykoff, Alan Clift, Roxanne Storer, Miami University

UNIVERSITY OF CINCINNATI SCHOOL OF INFORMATION TECHNOLOGY VIRTUAL SANDBOX

Track: Cloud   **Location:** Franklin Hall, Room 312/314

The University of Cincinnati's College of Education, Criminal Justice, and Human Service (CECH) School of Information Technology Virtual Sandbox was designed to address the need to create a scalable online learning environment for IT students in an effort to replace existing physical labs. The Sandbox utilizes VMware vCloud Director platform in conjunction with MCPc, a regional VMware integrator. The Virtual Sandbox allows University resources to be consumed anytime, anywhere, in a device agnostic fashion. The Virtual Sandbox provides the tools students need to build real-world systems while providing IT faculty the ability to monitor and assist students while on- and off-campus.

Jason Gerst, Mark Stockman, University of Cincinnati; Ben Warner, MCPc, Inc.

HOW MICROSOFT REMOTE DESKTOP SERVICES HELPED US SOLVE A DESKTOP SECURITY ISSUE

Track: Cloud   **Location:** Franklin Hall, Room 317

How Miami University is using Microsoft Remote Desktop Services and RemoteApp to solve a desktop security issue and make applications more accessible to all users.

Bryan Powell, Nick Parrish, Miami University

BANDWIDTH MANAGEMENT AT MIAMI UNIVERSITY

Track: Server/Network Infrastructure   **Location:** Franklin Hall, Room 321

This session will emphasize the growing need of universities and colleges in bandwidth resources. Today universities and colleges are providing students with the most updated materials using websites and applications to match their needs to excel. Miami University has understood this need and analyzed internet usage patterns and available technologies to develop a strategy to address this demand. PeerApp and Miami University will present the experiment and its results and, will explain why transparent caching is an invaluable tool to manage this "substantial" media content, including Netflix, YouTube, iOS updates, Windows updates and other popular content.

Steve Bradley, Miami University ; Paul Southwell, PeerApp

SERVICE MANAGEMENT

Track: Server/Network Infrastructure   **Location:** Franklin Hall, Room 339

Kent State and Blackboard Student Services have embarked in a partnership to improve

the quality of Kent State's IS services. Together we're ensuring that the quality of the experience of our students, faculty and staff is beyond their expectations. Join us to hear about how we're working together.

Jay Frye, Kent State University; Susan Mealiea, Blackboard

THE CLOUD

Track: Cloud   **Location:** Franklin Hall, Room 340

Premise and Cloud service delivery models will be contrasted at the intersection of an IT CapEx premised budgeting model and that of a Cloud consumption based pricing model (OpEx). Activity Based Cost accounting will demonstrate usefulness in determining key costs such as unused capacity and staff opportunity costs.

Ed Mahon, Kent State University

11:00 AM ....**BREAK**

11:15 - 12:00 PM..**BREAKOUT SESSION 5**

TECHSTYLE LAB TOUR

See description on page 7.   **Location:** Rockwell Hall

KUALI: KEEP YOUR MONEY IN YOUR MISSION!

Track: Administrative Systems   **Location:** Franklin Hall, Room 213

Kuali is delivering open source software and saving millions of dollars for universities implementing it instead of other options. Find out more about examples of these cost savings, the Kuali products, and the future roadmap for building software for higher education, by higher education.

Jennifer Foutty, Matthew Sargent, Kuali Foundation; Derek Sharp, Navigator Management Partners, LLC

DIGITAL MEDIA ON CAMPUS A DAY IN THE LIFE OF A STUDENT

Track: Educational Technology   **Location:** Franklin Hall, Room 312/314

The following four vignettes (read that: "Demos") will demonstrate how—by using digital media and Adobe Creative Cloud tools—a student is more successful in their quest to learn and ultimately turn that learning into a career. Along with the vignettes, we will provide an overview of creative cloud to set the stage and provide a common understanding of how Adobe is enabling education to incorporate 21st century skills into traditional learning. Class work: How media impacts learning, Demonstration (iPad apps, Photoshop CC); Lab work: How visualizing lab data can improve learning, Demonstration (Adobe Premiere Pro

CC, InDesign CC); Administrative: Ways that Adobe will streamline the business of attending school, Demonstration (FormsCentral, Acrobat XI Pro, EchoSign); Portfolio-building: Making a compelling portfolio with Adobe tools to get that job, Demonstration (Acrobat XI Pro, Muse CC, Behance)

Ryan Dietz, Adobe Systems, Inc.

TRANSFORMING IT SERVICE DELIVERY USING A CUSTOMIZABLE CLOUD-BASED ITIL PRODUCT

Track: Cloud   **Location:** Franklin Hall, Room 317

This interactive session will focus on how Cleveland State University (CSU) transformed and improved service delivery to end-users through a customized cloud-based system called ServiceNow, with the help of their implementation partner, Triad Technology Partners. These systems enable standardization across all areas of central IT helping to process incidents, problems and changes using the same protocols. ServiceNow includes a self-service portal, searchable knowledge base, service catalog, system news scroll, metrics and reporting. By tying users closer to service processes, Triad helped CSU improve communication between users and the IT department, reducing the time required to deliver services and break-fix support.

William Shepard, Cleveland State University; Lauren Hughes, Triad Technology Partners

ENHANCING COLLABORATION WITH CLOUD COMMUNICATIONS

Track: Cloud   **Location:** Franklin Hall, Room 321

Many companies see cyber-attacks as the biggest threat to their organization — however, employees or contractors represent nearly the same percentage of data breaches. The popularity of cloud-based software and systems are driving many CISO's to focus on data loss prevention in the cloud, yet overlook the risk of retrievable data that remains on failed hard drives and other loose media within their organization.

Robert Zapotocky, AT&T

IS YOUR APPLICATION READY FOR A DISASTER?

Track: Server/Network Infrastructure   **Location:** Franklin Hall, Room 339

A look at Kent State's solution to the recovery of primary systems during a disaster or a Disaster Recovery simulation. How we classified systems and analyzed recovery planning. I will guide you through a detailed Disaster Recovery simulation. A look at where we were last year, where we are today and where we hope to go in the next 5 years. How we scored our 2012, 2013 and 2014 exercises and if they were a success or a failure. How could we take our disaster recovery from 48 hours to 48 minutes using the cloud.

Todd Mohr, Kent State University

LESSONS LEARNED FROM THE SOCHI OLYMPICS

Track: Server/Network Infrastructure   **Location:** Franklin Hall, Room 340

Avaya would like to provide an overview of the infrastructure that was put in place (based on the open std. "shortest path bridging") to provide the many services to the variety of groups at the Sochi Olympics. The Olympic venue has many similarities to large college campuses in terms of physical layout, variety of services, lg. volumes of BYOD, video and very granular security. We will discuss our virtual architecture that provides a private cloud with inherent security. Also, we will review challenges that Avaya faced and share our successes and shortcomings. This will be presented by a technical engineer familiar with the Sochi deployment.

Greg Schweikert, Avaya

12:00 PM - 1:00 PM..**LUNCH**
Sponsored by: Frontier Communications   **Location:** Rockwell Hall, Atrium

1:15 - 2:00 PM..**BREAKOUT SESSION 6**

JMC STUDIO - DIGITAL TELEVISION STUDIO AND CONTROL ROOM TOUR

See description on page 8.   **Location:** Franklin Hall

TECHSTYLE LAB TOUR

See description on page 7.   **Location:** Rockwell Hall

ON-CALL SCHEDULING SYSTEM

Track: Administrative Systems   **Location:** Franklin Hall, Room 213

The developed application will be able to provide information of oncall schedules including the members, roles, types (such as backups and primaries), teams, departments, pager numbers, etc. Hospital staff can see the oncall assignments using the calendar or grid view. The administration has the ability to assign new schedules and edit or delete current schedules. Staff information will be automatically pulled from the database, making it easy for administrators to make error free assignments. The level of access a user will have to the different modules will be determined when they authenticate. Other functionalities including sort, filter, print, send page, and search will also be included.

Golrokh Mirzaei, Mammad Wadood Majid, University of Toledo

PEDAGOGY, TECHNOLOGY & SPACE: INTEGRATING AN ACTIVE LEARNING INITIATIVE

Track: Educational Technology   **Location:** Franklin Hall, Room 312/314

Relationships between technologists and instructors often consist of brief encounters incapable of producing sustained improvements in education. CWRU has developed an Active Learning Fellowship resulting in enduring, transformative relationships. The presenters work with faculty of all ranks and disciplines to create communities of learner/educators. New learning spaces, methods of instruction and integration of technology enable these fellows to grow and thrive. This presentation will take advantage of the collective wisdom of instructional technologists, educators, and innovators participating in the session by providing a mix of speaker presentation and open, small group discussions around faculty engagement and curricular innovation.

Brian Yuhnke, Tina Oestreich, Wendy Shapiro, Mike Kenney, Case Western Reserve University

AUTHENTICATING AND AUTHORIZING THE CLOUD

Track: Cloud   **Location:** Franklin Hall, Room 317

Survey of providing disaster tolerant authentication and authorization with cloud-based services and results of several types of implementation.

Allen Gattis, Chris Hayes, Ohio University

INFRASTRUCTURE PLANNING AND FUNDING

Track: Server/Network Infrastructure   **Location:** Franklin Hall, Room 321

It's midnight on Saturday. Do you know how you will fund the replacement of your infrastructure? Ohio University will present its processes and templates for identifying capital planning needs, estimating and modeling costs, creation of a capital plan for review with senior management, and achieving approval to move forward with capital projects.

Aaron Leatherwood, Ohio University

IDENTITY MANAGEMENT: ENHANCING THE USER EXPERIENCE

Track: Security   **Location:** Franklin Hall, Room 339

Today managing user expectations is a very daunting task. Turning to an identity management system to create meaningful human interactions seem rather peculiar, but if implemented properly almost any product, system, or service can elicit a positive user experience. During this session we will look a few identity related functions coupled with proper usability techniques to create a secure environment for users to function in.

Matthew Pahls, Kent State University

Thursday

UNIVERSITY OF AKRON'S CLOUD-BASED DATA WAREHOUSE

Track: Cloud   **Location:** Franklin Hall, Room 340

The University of Akron runs PeopleSoft HCM, Finance, and Campus Solutions so it was a natural fit to use Oracle EPM and OBIEE. The scope of work to implement the data warehouse was significant, and it was clear that there would be significant cost and effort in the first 90 days to support an in-house architecture solution. By leveraging the Oracle cloud service, On Demand, it allowed us to hit an aggressive timeline with the initial cost considerably less that trying to accomplish the setup with internal resources. The beginning of the project was difficult due to a variety of issues that came up around the use of the application across a WAN. At one point, we thought we would have to do a complete new architecture to make the warehouse work. Eventually, we came up with a solution by working through the issues together with our vendor as a team, and the project was successful with only a minor delay.

Susan Rzyczycki, University of Akron

2:00 - 5:00 PM ....VENDOR SHOWCASE & RECEPTION
Sponsored by: Aruba Networks - Ice Cream Social   **Location:** KSU Hotel, Ballroom

Please join us at the vendor showcase at the Kent State Hotel and Conference Center Ballroom to pick up your gift card for dinner. You will find us located inside the Vendor Showcase.

6:30 PM..DINNER DOWNTOWN KENT
Sponsored by: Juniper Networks

Please use this gift card you received at the Vendor Showcase to enjoy dinner at any of the fantastic downtown dining establishments. You can find a list of places to eat and enjoy yourself on page 10.

8:00 AM..**REGISTRATION OPENS**

Location: Franklin Hall, 3rd Floor

8:00 - 9:00 AM...**BREAKFAST**

Sponsored by: Dell   **Location:** Rockwell Hall, Atrium

9:15 - 10:15 AM...**OHECC STEERING COMMITTEE MEETING**

Invited participants only.   **Location:** Franklin Hall, Room 110

9:15 - 10:15 AM...**IUC CIO MEETING**

Invited participants only.   **Location:** KSU Hotel, President's Conference Room

9:15 - 10:15 AM...**BREAKOUT SESSION 7**

MOVING TO DRUPAL

Track: Administrative Systems   **Location:** Franklin Hall, Room 213

Kent State has been using Commonspot(Vendor: Paperthin) for past 9 years. After outgrowing Commonspot capabilities, we evaluated "Garter's Top Quadrant" for possible CMS replacement and chose Drupal. Drupal is an open source software maintained and developed by a community of 630,000+ users and developers. In this presentation,   we will share our experience in using an open source CMS. Acquia provides Cloud hosting, developer tools and support for Drupal. We will also discuss how we are utilizing Acquia services in improving and strengthening our system.   We will share challenges we faced during developing scalable and maintainable and responsive web site.

Prasanna Joshi, Kent State University

SEAMLESS DEPLOYMENT: IMPROVING OUR FACULTY TECHNOLOGY REFRESH PROGRAM

Track: Educational Technology   **Location:** Franklin Hall, Room 312/314

Kent State has utilized a third party administrator in an effort to improve efficiency with its faculty technology refresh program. Learn how we improved our processes regarding inventory management, imaging practices and deployment techniques.

James Raber, Kent State University

WHY IT'S TIME TO UPGRADE TO A NEXT-GENERATION FIREWALL

Track: Security   **Location:** Franklin Hall, Room 317

The bad guys keep getting better. They have found out advanced techniques that get around our old defenses. Scanning for their signatures was enough for a while, but not now. We can no longer just lock a few ports and feel safe at night. An application port can change everyday. These security bandits hijack IP addresses, hiding behind legitimate

people to launch their attacks. Stopping them has gotten harder; our defenses have become more durable. Older enterprise firewalls and IPS are not enough anymore. We saw this and decided to deploy a new next generation of defenses that combines firewalls and IPSs with the ability to respond to new threats.

Ali Kapucu, Douglas Westfall, Kent State University

UNIFIED COMMUNICATIONS: ENABLING COLLABORATION IN A DIVERSE UNIVERSITY ENVIRONMENT

Track: Server/Network Infrastructure   **Location:** Franklin Hall, Room 321

There were several major steps that led to the implementation of Unified Communications at Kent State University. The development and design of migrating phone systems, identifying and applying new applications as well as upgrading the current architecture took considerable efforts. In the eyes of the participants, all of these steps contributed significantly to the implementation of this project. Topics Covered: Provide an overview of the migration path from Kent States University's Legacy PBX to Cisco Unified Communication platform. Provide an overview of the collaborative applications that were implemented for faculty, staff and personnel. Provide an overview of the Unified Communications campus and regional architecture.

Andy Molls, Marianne Cohol, Kent State University

PROVIDING ENTERPRISE NETWORK INTER-SITE CONNECTIVITY ON A DSL BUDGET

Track: Server/Network Infrastructure   **Location:** Franklin Hall, Room 339

KSU has over 20 remote sites and regional campus locations without the luxury of dark fiber to connect them. With so many options and prices, how did KSU choose between site-to-site VPNs over the public Internet, wireless point-to-point links, and provider's private high speed ethernet options? This presentation will review the considerations taken and lessons learned while solving the challenges of providing enterprise level wired and wireless access, VOIP and redundant/failover connectivity for these sites. KSU will explain how OARnet provides them with a privately routed cloud network, and why this has been our preferred solution going forward.

Thomas Bordonaro, Kent State University

CLOUD SUPPORT ROUNDTABLE

Track: Cloud   **Location:** Franklin Hall, Room 340

As we add new cloud services to our IT portfolio, support for these services in a BYOD environment has increasingly become a challenge. We wanted to hold a roundtable discussion geared toward framing the issues faced by University IT Service Desks, Service Owners, Cloud Service Providers and the end user.

Michelle Donaldson, David Alexander, Ohio University

Friday

10:30 - 11:30 AM...**CIO PANEL**
Location: KSU Hotel, Ballroom

CIOs will discuss their visions, share ideas and answer questions.

11:45 AM... **TOP PRESENTER AWARD & CLOSING REMARKS**
Location: KSU Hotel, Ballroom

12:00 PM.. **Lunch To-Go**
Sponsored by: All Lines Technology