Campus FM Technology Association

Annual Conference

Session Listing

Pre-Conference Sessions
&
3-Day Conference

Pre-Conference Sessions

Applying Geography to Plan, Operate, and Sustain Your Campus
Chris Andrews | George Dailey | Esther Wroker | Jeff Archer
Product Manager | Education Admin/Operations | Education Account Mgr | Technical Marketing Analyst
Esri

Date: Tuesday | August 2nd
Start Time: 8:30 AM to 12:00 PM
Room: KITC N114

Summary:
This demo/technical workshop will explore the use of ESRI 2D and 3D GIS technology in support of campus and indoor facilities applications. Throughout the session, participant questions, discussion, and feedback will be sought. Topics include:

- ArcGIS platform: Getting everyone on a common 2D/3D page
- Data: Integration and interoperation
- Common campus and indoor workflow examples: Doing your work with ArcGIS
- Stakeholders and communication: Sharing your story, gaining buy-in
- Resources: DIY and beyond

See Your World How You Need To
Angel Espinoza
Autodesk Technical Specialist
Autodesk

Date: Tuesday | August 2nd
Start Time: 1:30 PM to 5:00 PM
Room: KITC N114

Summary:
This session will allow attendees to see the possibilities to easily use and manage data in Autodesk GIS applications. A conversational format will allow for questions and discussion regarding the session topics, which include:

- Starting on the right foot with GIS data
- Sharing data among the tools
- Real world campus example
- Configuring data for best storytelling
- Show your world with stakeholders

Dennis Rodriquez
BIM Enterprise Manager
AECOM

Date: Wednesday | August 3rd
Start Time: 8:15 AM to 9:15 AM
Room: KITC N114

Summary: Opening Keynote

Bio:
Dennis Rodriguez is the Building Information Modeling (BIM) Enterprise Manager for AECOM's Transportation/Aviation Sector and brings over 24 years of project management and process development experience. He has developed enterprise BIM implementation/ integration strategies for airports both nationally and internationally including Denver International Airport and Los Angeles International Airport. This process integrates design, construction, and commissioning together with facility/asset management and GIS into all aspects of facility operations and maintenance.

Dennis Rodriguez is an expert in building collaborative relationships (internal and external), achieving support for BIM processes and ideas, and driving implementation programs through complex project environments. He is a catalyst in guiding clients in accomplishing industry leading BIM operations while demonstrating the expertise in delivering change to not only leadership, but also to end users, operations and information technology stakeholders.

CFTA Business Partners: Spark Session
Conference Business Partners
Wednesday | August 3rd - 9:30 AM to 10:30 AM

Summary:

CFTA Business Partners attending the 2016 Conference offering rapid fire present on their solutions to provide an overview of the beneficial products and services they offer.

Room: N100

CADD Microsystems	Autodesk Reseller, Autodesk trainer, BIM for Owners, Tools for Designers to Create BIM Deliverables. Areas of focus in Civil Engineering, Architecture & Engineering, and Facilities Management.
IMAGINiT	IMAGINiT Clarity ODP is a server based application that hosts an internal web portal of a Building Information Model (BIM). The web portal provides access to files and BIM project data in one convenient place.
Turis	Technology consultants, BIM application experts, and solution developers.
ASSA ABLOY	Global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety, and convenience. Openings Studio - Door Opening Solutions, BIM Design, Construction, Lifecycle, Maintenance
tsaADVET	Faclon/DMS Family of Products that support engineering document management and the gathering and creation, collaboration, and communication of lifecycle project information.
ACAD-Plus	Provider of many products and services designed to obtain and disseminate accurate facilities information to improve efficiency. Products and services include: Meridian - Facilities Drawing / Model / Document Management; FMG-Plus - Integrating AutoCAD Drawings and Revit Models to Space and Facilities Management Data; Preparation and Maintenance of Master Drawings

Room: N101

e-Builder	Integrated Capital Program Management technology for collaboration, stakeholder engagement, program performance measurement, and standardized & consistent process
INSITE & OFMS, Inc.	Longest continually-developed CAFM technology – INSITE started at MIT in 1966. 5 decades of direct, university-based experience in the enhancement, delivery and support of (CAFM) systems.
GFMS	Strategic Planning and Space Management Consulting Services to Higher Education and Research Institution.
EagleView	EagleView invented patented software that produces 3D models resulting in aerial roof and wall measurement reports that are extremely accurate and detailed. As the market leader in both the construction and insurance markets, EagleView continues to introduce innovation not only in construction and the insurance claims vertical but also in underwriting, estimating and disaster response.
Penbay	InVision software suite to cohesively address a full range of facility management needs, from strategic portfolio planning and management, to day-to-day operations, maintenance and security. Visualization and analytical power of GIS helps you more easily conceptualize information to substantiate decisions and identify new opportunities that support your organization's strategic objectives.
CADSoft	Panoramic Power: Driving business results with real-time energy data. Smart Energy. Smart Business.

Migration from Land Based Mobile Radio to PTT
Scott Myers
IT Manager
Duke University, Facilities Management

Date: Wednesday | August 3rd
Start Time: 10:45 AM to 11:45 AM
Room: N100

Summary:
When we learned that the University would no longer be maintaining their aging and ailing land based radio system, we were forced to look for other options for our daily communications needs. We will share our journey through our process of selecting the right product, devices, and plans, as well as our roll-out, challenges, and lessons learned. I will be joined by representatives from AT&T and Sonim Technologies.

Bio:
Scott currently works at Duke University as IT Manger for the Facilities Maintenance Department.

Making the Case for Enterprise GIS at the University of Maryland
Taylor Keen
Campus GIS Coordinator
University of Maryland, Facilities Management

Date: Wednesday | August 3rd
Start Time: 10:45 AM to 11:45 AM
Room: N101

Summary:
In 2012 an Enterprise Campus GIS Initiative began at the University of Maryland, College Park. Through partnerships with various administrative and academic departments, a Campus GIS Steering Committee was created and charged to develop a Strategic Implementation Plan to build a centralized repository of spatial data resources and web-mapping system with the goal of ensuring spatial information is derived from a common base map, readily accessible, and managed sustainably to enable integration with other campus information systems. Since that time, and after obtaining executive support, Campus GIS staff within Facilities Management have created an enterprise web-mapping system that supports a number of administrative applications, campus asset inventories, and a very popular public campus web map (see: http://maps.umd.edu/map/), that has involved multiple campus stakeholders adding many operational layers, and continue to work to expand and better institutionalize and democratize campus mapping.

Bio:
Taylor Keen has acted as the Campus GIS Coordinator at the University of Maryland (UMD) since 2010, provided a leading role in the development of the Enterprise Campus GIS Implementation Plan at UMD.

Diamond Partner Keynote: **Esri 3D and GIS:**
Roadmap and Opportunities

Chris Andrews
ESRI Product Manager – 3D, ArcGIS Earth
Esri

Date: Wednesday | August 3rd
Start Time: 12:30 PM to 1:00 PM
Room: KITC N114

Summary: Keynote

Bio:
Chris Andrews is the Product Manager for 3D across the Esri ArcGIS platform. Chris has a nearly 20 year career focused on exposing the value of GIS throughout organizations by combining cutting edge technology with ease of use to put the most capability in the user's hand with the least amount of specialized technology expertise required.

Prior to Esri, Chris joined Autodesk in 2007. As the first technical product manager for Autodesk's 3D digital cities effort, Chris led pilot studies with three globally distributed cities, Vancouver, Salzburg, and Incheon, to gather requirements and evaluate technology. After taking over as the lead product manager on the effort, Chris led the development of a 3D engineering preliminary design product that is now widely used in the AEC industry. Joining Esri in 2014 allowed Chris to begin exploring the use of 3D across multiple domains including defense, intelligence, commercial industries, and the sciences. At Esri, Chris remains focused on distributing high value GIS more broadly within organizations and he is leading the ArcGIS Earth product effort as a direct result of that interest.

Why an As-Built Model Should NEVER be Used for Operations

Jason Winstanley

Director, Building Performance & Operations
Autodesk Product Development Group

Date: Wednesday | August 3rd
Start Time: 1:15 PM to 2:15 PM
Room: N100

Summary:
That's right; the Autodesk Building Operations team is telling you not to do it. As-built models are not for your FM Team. Don't even think about it. Yes, as-built models are a valuable part of your building's documentation. You should require them from your contractors and they should be encouraged to stuff them full of rich details. However, after the building handover, park them on a server somewhere for that time in the distant future when you might need them. What about model reuse? What about BIM ROI? Never fear, we have a plan! Join us to discuss techniques for conditioning as-built models and making them FM-friendly. We will extract the nuggets of actionable operations data and discard the rest. Your teams will thank you. Don't trust us, come, and see for yourself.

Bio:
Jason leads the team responsible for Autodesk Building Ops. With a BIM-enabled, mobile-first approach and a keen focus on the user experience, Building Ops is transforming handover and revolutionizing the way buildings are operated.

The Life Cycle of Project Information

Walter (Terry) Cline

VP Sales Support
tsaADVET

Date: Wednesday | August 3rd
Start Time: 1:15 PM to 2:15 PM
Room: N101

Summary:
This session will begin in the creation stage of a project where information will be extracted from a Revit for Architecture BIM model and transitioned into the collaboration stage. Here the extracted BIM information will be taken to a cloud based server where numerous collaborators can interactively review and comment on the information, including those using mobile devices at remote locations. As consensus is attained this session will demonstrate how that information easily transitions to the communication stage where it is made instantly accessible from an ESRI ArcGIS campus map.

Bio:
Terry began his career in 1979 as a manual draftsman. In 1980 Terry began working with mainframe based CADD and engineering applications. Terry has extensive knowledge of both MicroStation & AutoCAD, and is a former Instructor at The University of Houston.

Why is it important to know where people are?

Fred Mechini
Partner
GFMS-Solutions

Date: Wednesday | August 3rd
Start Time: 2:30 PM to 3:30 PM
Room: N100

Summary:
There are three major parts to an organization: 1. Space: as in the physical components, like buildings, real estate properties and the utilities below ground 2. Resources: as either physical or virtual that help the institution function. Examples are: financial systems, technical systems, air and water 3. People: as those that use the space. While #1 and #2 are always looked at as essential to know everything about it, in the case of people, sometimes the need to know about people location and activities is overlooked or deemed not that important. The presentation will aim at providing defendable business reasons of why it is important for an institution to track people. We will provide examples from educational institutions as well as from business companies.

Bio:
Fred Mechini is a Facilities Technology and Management Systems expert in the Corporate and Higher Education sectors, with over twenty-five years' experience in Architecture, Strategic Planning, Facilities Management.

Collection Space Management at Smithsonian

Dan Boyle
Information Technology Specialist
Smithsonian Institution, Office of the CIO

Date: Wednesday | August 3rd
Start Time: 2:30 PM to 3:30 PM
Room: N101

Summary:
Smithsonian is a unique organization and it is no surprise that the approach to space management is unique. This presentation will discuss our implementation of Tririga to assess and manage space specifically as it relates to Smithsonian's Collections. Smithsonian has assesses each space that contains the 130 million objects in our Collections. These assessments determine the suitability of the space to host the specific collection. The output of this exercise is a profile of space conditions and recommendations facility investments.

Bio:
Dan Boyle is an Information Technology Specialist at the Smithsonian Institution. He began his journey with FM technologies in 1995 implementing SPAN-FM and has worked with that application as it evolved from SPAN-FM to IBM Tririga.

Campus Tours

Date: Wednesday | August 3rd
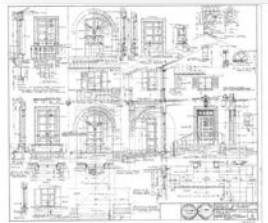**Start Time:** 3:45 PM to 5:30 PM
Location: All tours begin in courtyard outside Kittredge Central

Option 1: U Campus Tree Tour Learn More
Our History Campus Tree Walk with Arborist Vince Aquino, Lead Arborist in Outdoor Services

Option 2: Old Main - Heritage Center Tour Learn More

Option 3: CU Campus Historical Tour Learn More

Leveraging the Valuable Knowledge that ONLY Exists in Documents and Drawings

Date: Thursday | August 4th
Start Time: 8:15 AM to 9:15 AM
Room: N100

<u>Moderator:</u>	**Glenn Seehausen**, President/CEO, **Acad-PLUS**
<u>Panelists:</u>	**Monty Combs**, Director of Systems & Services, **Brown University**
	Lorena Griffin, Facilities Information Services Manager, **Michigan State University**
	AriAnne Gilliland, Design & Construction - Process Analyst, **University of Colorado Boulder**
	Ginelle Harbeson, Document Management Specialist, **University of New Hampshire**
	Allison Rose, Digital Archivist, **University of Pennsylvania**

Summary:
A significant amount of Campus knowledge still resides in Documents and Drawings. Even after implementing robust Asset Management, Space Management, GIS, BIM, CAD, and Project Management, a large percentage of the information about the Campus still ONLY resides in documents and drawings (e.g. Record Set Drawings, O&M Manuals, Warranty Documentation, and Shop Drawings). Yet, if you are like most organizations, finding the right document to do your job is typically like finding a needle in a haystack. This session will include a panel of your peers discussing how they are addressing the challenge of collecting and providing this critical information to the organization.

Future Technology and the Rate of Change
Michael Whaley
President
TURIS Systems, LLC

Date: Thursday | August 4th
Start Time: 8:15 AM to 9:15 AM
Room: N101

Summary:
The rate of change in the world of technology is hard to imagine. This presentation will take a look at the speed of change in technology applications and how that will impact how we design and operate our facilities. From Augmented and Virtual Reality applications to QRC's how we access information about our facilities will change. This look to the future of applications is interesting and energizing glimpse to the future of technology.

Bio:
Mike Whaley has over thirty years of experience in the Technology Application, Architectural, and Construction industry. Today he is President of TURIS Systems, LLC a technology consulting company for contractors, design professionals, and owners.

Space Management Is STILL a Critical Campus Resource

Date: Thursday | August 4th
Start Time: 9:30 AM to 10:30 AM
Room: N100

Moderator: **Roy Davey**, Executive Vice President, **OFMS, Inc. DBA INSITE**

Panelists: **Kelly Nelson**, Space Information Coordinator, **Iowa State University**

                Dobie Howard, Manager, Facilities Information Services, **Stanford University**

                Katie Moltrup, Physical Space Administrator, **University of Buffalo**

Summary:
While focus, resources and funding today may be increasingly devoted to GIS and BIM, a central resource of accurate, timely space information is still critical. Many have been using Space Management technology for decades, some employ it sparingly, and still others are looking for new and better systems. This session will include a panel of your peers who will address some challenges for Institutional Space Management through their own experiences.

Bio:
Roy Davey has been active in FM for 42 years. A frequent speaker at many conferences, he has conducted sessions on CAFM systems, best practices, and indirect cost recovery techniques. Roy is a registered architect in Massachusetts.

Using Mobile Data Collectors for Campus Data (hands-on)
Colin Hobson
Director
Open Spatial, North America

Date: Thursday | August 4th
Start Time: 9:30 AM to 10:30 AM
Room: N101

Summary:
This presentation will include the opportunity for hands-on data collection prior to the presentation/discussion. The resulting data will be presented and used as the basis for a presentation and discussion of best practices for data collection using mobile devices. Open Spatial will configure and provide the mobile application and will also provide some hand held blue tooth GPS devices for attendees to try out. There will be a competition and prize related to the quality and/or quantity of data collected.

Bio:
Colin Hobson is a seasoned GIS professional with 20 years of experience in small and large infrastructure asset management projects. One of his strengths is the use of appropriate technology and practical techniques to create and update spatial and attributes.

CU-Boulder's "High Altitude" Document Management
Phil Martin | AriAnne Gilliland | Glenn Seehausen
CAD/GIS & Document Management Engineering Technician| President/CEO | Design & Construction - Process Analyst
University of Colorado Boulder | ACAD-Plus, Inc.

Date: Thursday | August 4th
Start Time: 10:45 AM to 11:45 AM
Room: N100

Summary:
Come see how CU-Boulder has implemented enterprise Document Management in Facilities. Our CFTA host University has one of the most comprehensive implementations of Enterprise Document Management…it is truly a "mountain top/high altitude" experience. A thorough demonstration of the live system will be provided. Some of the topics for this demonstration will include: 1) Effective adoption by the organization, 2) Interoperability with Project Management, Work Order/Asset Management, Space Management, and GIS 3) Accessing Documents from Mobile Devices 5) Tackling the Archives 5) The Document Taxonomy

Bios:
Phil Martin has 15 ½ years of experience with CAD and Document Management experience at CU with over 10 of those years in the Facilities Management CAD Office. He was instrumental in working with ACAD-Plus to develop CAD Office portion of the Blue Cielo Meridian Document Management System. | **AriAnne Gilliland** has been with the University of Colorado Boulder for a little over 12 years. In her role as Process Analyst, AriAnne works with various working groups on campus to improve and develop their processes related to the overall project process. In addition, AriAnne serves as the Planning, Design and Construction unit liaison for the implementation, development and on-going management of the Blue Cielo Meridian Document Management system. | **Glenn Seehausen** founded ACAD-Plus, Inc. in 1986, which specializes in applying Document Management (DM), CAD, and BIM software within Facilities organizations.

GIS Master Plan: from Planning to Implementation
Jessica Valenti
Manager Facilities Information Systems
University of Massachusetts Lowell, Facilities Information Systems

Date: Thursday | August 4th
Start Time: 10:45 AM to 11:45 AM
Room: N101

Summary:
A look at the development of a GIS Master Plan including the prioritization and implementation of projects over the course of the last two years. In the fall of 2014 the University of Massachusetts Lowell set out to create a Facilities Information System/GIS Master Plan. A living document that would set the foundation for how we would proceed with the implementation of an enterprise GIS system. The first half of the presentation will show how we worked with our consultant, PenBay Solutions, to engage campus stakeholders, develop priorities, and, in particular, how we got buy-in and support. We will then look at where the University is now, 2 years later with respect to the identified priorities and roadmap. Sharing examples of our work with Campus Police and Emergency Management, Operations & Services, Capital Projects, Parking & Transportation, Planning, and IT.

Bio:
Jessica Valenti has been with the University of Massachusetts Lowell Facilities department for over four years as the Facilities Information Systems and GIS Manager. Prior to that she spent three years with ESRI's Boston office as a sales engineer.

Diamond Partner Keynote: Pushing the Boundaries:
Technology Trends that Will Affect your Campus

Chuck Mies
BIM Solutions Executive
Autodesk

Date: Thursday | August 4th
Start Time: 12:15 PM to 12:45 PM
Room: KITC N114

Summary: CFTA Diamond Business Partner Keynote

Bio:
Chuck is a member of the Autodesk Business Development Team focused on looking at the application of technology to the entire ecosystem of a project, extending from preliminary design through operations and maintenance. In this role Chuck works on a global scale with owners in Healthcare, Education and Retail/Hospitality as a resource to assist these clients and the firms that work for them understand the value of Building Information Modeling and the issues that will affect the use of BIM on projects.

Chuck has also assisted owner's organizations in developing deliverable standards and execution plans that ensure the success of the program for both the owner and the firms making the transition with the owner. He has spoken on these topics at many national conferences and webcasts for organizations such as The BIM Forum, SCUP, COAA, APPA, Labs21 and others. He is also a member of the advisory panel for the Pennsylvania State University BIM Planning Guide for Facilities Owners.

Chuck's background includes 30 years of professional experience spread across the practices of Architecture, facilities management and technology consulting.

All Member Meeting
Campus FM Technologies Association

Date:	August 4, 2016
Time:	12:45-1:45-pm (Mountain Time)
Location:	Annual Conference, Boulder, Co.

President: Michelle Ellington
Secretary: Elizabeth Goetz
Treasurer: Clyne Curtis

Directors:
Scott Friend, Chuck Coen, Ray Garrett,
Phil Martin, Susan Saurwein

A G E N D A

  I.   **Call to Order**
  II. **Roll Call**
  III. **Treasurer's Report**
  IV. **Board of Directors Vote**
  V.   **Committee / Task Force Reports**
       a. Business Partners
       b. Survey & Reports
  VI. **Old Business**
       a. Webinars
       b. Association Progresses
       c. Collaborations
       d. Bylaws Reinstatement & Ratification
  VII. **New Business**
       a. 2017 CFTA Conference Location
       b. 2017 Facilities Geospatial Technologies Showcase
       c. Clearinghouse
       d. Membership Engagement & Involvement Opportunities
  VIII. **Announcements**
  IX. **Adjourn**

CAD to GIS and more for Campus infrastructure data

Colin Hobson, GISP

Director
Open Spatial, GIS North America

Date: Thursday | August 4th
Start Time: 2:00 PM to 3:00 PM
Room: N100

Summary:
Is there a disconnect between your CAD & GIS data? Is your asset inventory and utility data incomplete? Are you missing data on the GIS or CAD side, or having to double-enter data? This presentation will present best practices from the experiences and systems being used at Michigan State University, University of Colorado Boulder and University of Notre Dame and others. The solutions presented enable CAD users to create high quality GIS data from within the CAD environment, and create a single source of truth for utility/infrastructure data. Specific items of focus will include data capture, data editing, system configuration, web applications and integration with other systems such as work order, space planning and document management systems.

Bio:
Colin Hobson is a seasoned GIS professional with 20 years of experience in small and large infrastructure asset management projects. One of his strengths is the use of appropriate technology and practical techniques to create and update spatial and attributes.

Our journey towards a New IWMS system

Ritesh Khanna | Bob Pizzi

Director of Space Analytics | Space Management Supervisor
University of California San Francisco, Campus Planning

Date: Thursday | August 4th
Start Time: 2:00 PM to 3:00 PM
Room: N101

Summary:
University of California San Francisco recently went live with our New Space management system - Archibus. The project team would share the findings, research, experiments, challenges and successes with broader CFTA community. Our efforts were focused on below major aspects in implementing an IWMS system: Gap Analysis, Requirements Gathering, Understanding Business Process Sessions, System Design, System Build, Integration with Enterprise wide systems, Test Scripts and Validations, Migration from legacy systems, Process Documentation, Roll out and Training end users.

Bio:
Ritesh is an experienced, data-driven, and results oriented Real Estate and occupancy executive who has demonstrated ability to lead and develop diverse teams of professionals to increasing levels of success across multiple industries.

Bob Pizzi is UCSF's Space Management Analyst who has managed the UCSF Space Information System for the past 20 + years, carrying this effort from pencil and paper into the computer age. He is currently working towards implementing the Archibus CAFM System. Before transferring to the Campus Planning Office, Bob also managed the development of the ESRI-based GIS System as well as guiding the early drafts of the Campus BIM Standards and Guidelines in the Capital Programs Office.

Training the Pink Elephant
Joe Eichenseer
Director | Building Lifecycle Solutions
IMAGINiT Technologies, Professional Services

Date: Thursday | August 4th
Start Time: 3:15 PM to 4:15 PM
Room: N100

Summary:
As Building Information Modeling (BIM) continues to advance how we design, construct, and manage buildings, how do you manage the models, data, and workflow that it requires over the life of a building or campus? In this presentation, we will define BIM and current BIM software tool sets, and identify how design and construction firms are practically and productively leveraging BIM. We will then extend this understanding to show where institutions can easily leverage BIM - both today and in the future, including space management, asset management, maintenance, utilities and energy use. Through this process, we will discuss how to get data out of a model and into your facilities systems, to 3D or not to 3D, and how to strategically and methodically migrate from CAD to BIM. Live in the Now while making smart decisions for Tomorrow.

Bio:
Joe's focus for IMAGINiT is developing and delivering quality professional and consulting service solutions that help clients achieve and exceed their objectives, in all of the following areas: - Strategic Process Reviews to analyze requirements.

People, Data, and Systems Built to Last
Michelle Ellington, GISP | Gretchen Tucker
GIS Coordinator | Technical Administrator
University of Kentucky, Facilities Information Services

Date: Thursday | August 4th
Start Time: 3:15 PM to 4:15 PM
Room: N101

Summary:
Built on a Lean foundation of "one-piece-flow", "stopping to fix the problem", and "growing leaders from within", the University of Kentucky Facilities Information Services (FIS) has made great strides in becoming a department that is "built to last". FIS, with almost 30 employees, supports Facilities Management and the UK campus community with stable and innovative geospatial technologies. In this session, Michelle and Gretchen will present on FIS's strategy to maintain current, accurate campus-wide information using geospatial technologies, critical systems, and thoughtful workflows that enforce clear communication, consistent product quality, and a sustainable design.

Bio:
Michelle Ellington is the President of CFTA. She serves as the GIS Coordinator for the University of Kentucky Facilities Management's Facilities Information Services (FIS) and manages four areas within FIS: GIS, CAD, Facilities Analysis, and the Facilities Library.

Gretchen Tucker is a Technical Administrator I for Facilities Information Services (FIS). She manages the daily operations of the Facilities Library (archive of building documents), as well as facilitates the maintenance of accurate floor plans and space data.

Special Event

Date: Thursday | August 4th
Start Time: 4:30 PM to 10:00 PM
Room: Buses

This year's special event is dinner at the Chautauqua Dining Hall followed by Shakespeare's Troilus and Cressida at the Mary Rippon Outdoor Theatre. Dinner and one theater ticket is included in conference registration. Attendees are welcome to bring guests but advanced ticket purchase is strongly recommended. Day of ticket sales may not be available nor guaranteed to be near your party. Cost for one guest ticket is $140. See a CFTA representative for ticket purchase during the conference.

GIS and Facility Management System integrated at Smithsonian

Dan Boyle

Information Technology Specialist
Smithsonian Institution, Office of the CIO

Date: Friday | August 5th
Start Time: 8:30 AM to 9:30 AM
Room: N100

Summary:
Smithsonian has a ten year history of GIS integration with IBM Tririga. The integration began with Autodesk MapGuide and transitioned to ESRI ArcGIS Server. Today Smithsonian has an intuitive GIS application known as SI Explorer that provides maps, floorplans, and Tririga data to all network account holders. Our initial GIS focus, inside the walls, was very atypical. SI Explorer continues to grow and in 2016 we have increased the outside the walls scope to include underground utilities. This presentation will provide background on Smithsonian's GIS integration including technology, design approach, lessons learned and future plans. A functional demonstration of SI Explorer will be provided.

Bio:
Dan Boyle is an Information Technology Specialist at the Smithsonian Institution. He began his journey with FM technologies in 1995 implementing SPAN-FM and has worked with that application as it evolved from SPAN-FM to IBM Tririga.

UCB Cone Zone: Campus Construction Mapping

Elizabeth Goetz

GIS Analyst
University of Colorado Boulder

Date: Friday | August 5th
Start Time: 8:30 AM to 9:30 AM
Room: N101

Summary:
Liz will present our construction mapping solution which is a part of our GIS data that is delivered to others through a web map, printed maps, and pdf files. The solution that we refer to as the "Cone Zone" identifies areas of construction on campus (the polygon on the map represents the construction fencing in the field). The polygons are linked to our work management system, FAMIS, so that data such as project number, project manager name, and dates can be viewed from within the web map. Cone Zone also identifies Campus tour routes so that these can be coordinated with current construction. The polygons that represent fencing will also be useful as we develop a wayfinding application to act as barriers when route planning. Buildings that have construction inside (without an impact to the surrounding site) are identified by particular hatch pattern on the map and have the same link to FAMIS data so that project managers can coordinate projects occurring in the same building. There are also future project layers in the solution so that projects affecting the same area can be coordinated, this will hopefully prevent planting a new flower bed or pouring a new sidewalk only to have it dug up for a new utility project. Please join Liz as she explains how we are using GIS to support campus construction and minimize its impact.

Bio:
Elizabeth Goetz (Liz) has been working for the university's Planning Design and Construction group since 2008 as a student studying architecture. In 2012 Liz began working for the CAD / GIS department. Liz completed a master's degree in architecture in 2013 and decided to stay with the CAD / GIS department as a GIS Technician. Since 2013 Liz has accomplished a great deal, she has earned a GIS Certificate from a local community college, been promoted to GIS Analyst, and single handedly built out our Enlighten GIS web map.

BIM/3D Modeling for Doors, Frames, Hardware, & Access Control
Erin Benn | Openings Studio Consultant | ASSA ABLOY | Building Technology Solutions

Date: Friday | August 5th
Start Time: 9:45 AM to 10:45 AM
Room: N100

Summary:
Building Information Modeling (BIM) is a process using intelligent 3D models to communicate project data and decisions. Visualization, information, and collaboration provide greater clarity and efficiency to project and financial goals. Therefore, BIM is becoming a necessity for architects, contractors, and project owners in 2016 and in the future. ASSA ABLOY has developed Openings Studio, a suite of software tools that can help improve communication, provide digital access to product data, and management, of critical openings on campus. A true end to end solution. Openings Studio Manager is a software tool that can be used to communicate your campus design standards in a 3D virtual model to architects utilizing Revit for new construction and renovation projects. You can also use for building door libraries of hard to describe life safety openings and for asset management and life cycle analysis of doors, frames, hardware and access control. AAOS is not a replacement for your existing FM software, and can be best utilized as a compliment to your existing system. Come join us for a deep dive into the software functionality.
For more information, visit www.openingsstudio.com

Bio:
Erin Benn is an Openings Studio Consultant with ASSA ABLOY Door Security Solutions. She attended Kansas State University and earned a master's degree in Interior Architecture & Product Design in 2010.

Utilizing distributed BIM based Workplace Management tools to analyze the spatial performance of an entire facilities portfolio
Brian Haines | Vice President | FM:Systems, Marketing

Date: Friday | August 5th
Start Time: 9:45 AM to 10:45 AM
Room: N101

Summary:
The success of Building Information Modeling (BIM) for building delivery is fueling the push towards the use of BIM for facilities management. Building owners are now utilizing Revit models and information created during design and construction to streamline their own operations. To successfully track and report on facilities data a method to reference places in the building is needed, particularly with respect to occupants and assets. By understanding the details of how space is used, facility professionals can reduce vacancy and ultimately achieve major reductions in real estate expenses. The room and area information in BIM models are the foundation for good space management. In this presentation we will discuss how Cloud-based facility management systems with real-time bi-directional integration to a portfolio of Revit models enables space planner and portfolio managers to analyze the spatial performance of Revit models across an entire facilities portfolio. We will also take a close look how Cloud-based Business Intelligence Tools (BI) and distributed secure access to all members of a facilities team can ensure the spatial consistency and quality of Revit model data throughout the lifecycle of a facilities portfolio.

Bio:
Brian Haines is a nineteen year veteran of marketing and product management of Cloud and desktop products specifically created for the building industry. Brian is currently the Director of Marketing at FM:Systems where he manages all aspects of marketing

Finding Your Way Around Campus

Kevin Fromet
Senior Design Consultant
Studio Graphique Design

Date: Friday | August 5th
Start Time: 11:00 AM to 12:00 PM
Room: N100

Summary:
You know you need a wayfinding program, but it's ironic how easy it is to get lost in the process. There's no one-size-fits-all solution because each place's unique characteristics, needs, and objectives determine the direction.
In this presentation, we help you prepare to find your way around wayfinding - from developing a signage program to understanding the challenges, costs, and timelines.
What will a wayfinding program realistically do for your campus?
What are the top considerations for a sign system?
What are the most common challenges?
How much time and money does it take to do wayfinding well?

Bio:
With over 18 years of design and project management experience specializing in environmental graphic design, Kevin thrives at providing solutions that connect people to spaces.

Validate Your Revit Data with the Model Checker and Configurator

T.J. Meehan, AIA, LEED AP
Vice President of Professional Services
CADD Microsystems, Inc.
Professional Solutions Group

Date: Friday | August 5th
Start Time: 11:00 AM to 12:00 PM
Room: N101

Summary:
Keeping your Revit models of your school campus buildings in accordance with production and submittal standards has never been more essential. As an owner, you can have the best requirements in place, but without a way to check for compliance, you could end up with unusable models. The free Autodesk Model Checker for Revit was built from the ground up with the single goal of accessing and confirming information within Revit parameters and the model overall. As a companion, the free Autodesk Model Checker Configurator for Revit lets you build your own checks with ease. This session will show you how to utilize the Model Checker as well as leverage the Configurator to structure, organize, and build your model checks to be the most effective method of reviewing your Revit models to streamline your requirement checking process.

Bio:
After receiving his architectural degree, T.J. began his career by working in several architectural firms across the U.S. where he gained experience on both commercial and residential projects.

Monday, August 1st: CFTA Board of Directors, Officers, and Business

Time	Location	Event		
8:30 AM to 9:30 AM	KITC N114	**Conference Planning Task Force Meeting**		
10:00 AM to 12:00 PM	KITC N114	**CFTA Board of Directors Meeting**		
8:30 AM to 6:00 PM	Kitredge Central	**Conference Setup**		

Tuesday, August 2nd: Pre-Conference Session *(paid registration required)*

Time	Location	Event	Presenter	Topic
8:00 AM to 8:30 AM	KITC N114	**Breakfast**	CFTA	Breakfast
8:30 AM to 12:00 PM	KITC N114	**Applying Geography to Plan, Operate, and Sustain Your Campus (Esri)**	Esri	CAD & GIS Data Interoperability
12:00 PM to 1:30 PM	KITC N114	**Lunch & Roundtable Discussions**	All pre-conference attendees	Lunch discussion on data interoperability
1:30 PM to 5:00 PM	KITC N114	**See Your World How You Need To (Autodesk)**	Autodesk	CAD & GIS Data Interoperability
6:30 PM to 8:30 PM	Millennium Pavilion	**Welcome Reception**	All conference attendees	Welcome Reception

Wednesday, August 3rd: Day 1 CFTA Conference

Time	Location	Event	Presenter	Topic
7:00 AM to 8:15 AM	KITC N114	**Breakfast & Presidential Plenary**	CFTA	Opening Ceremony
8:15 AM to 9:15 AM	KITC N114	**Defining the Rosetta Stone: Finding a Common Language Across a Common Process**	Dennis Rodriguez, AECOM	Conference Keynote: Dennis Rodriguez, AECOM, BIM Enterprise Manager
9:30 AM to 10:30 AM	N100	**CFTA Business Partners: Spark Sessions**	CFTA conference business partners	Business Partners Rapid-fire sessions on FM solutions
9:30 AM to 10:30 AM	N101	**CFTA Business Partners: Spark Sessions**	CFTA conference business partners	Business Partners Rapid-fire sessions on FM solutions
10:45 AM to 11:45 AM	N100	**Migration from Land Based Mobile Radio to PTT**	Duke University	Coummunications
10:45 AM to 11:45 AM	N101	**Making the Case for Enterprise GIS at the University of Maryland**	University of Maryland	GIS , Web Map Applications for Campus Management
11:45 AM to 1:00 PM	KITC N114	**Lunch Session**	All members	Lunch, Association News, Keynote
12:30 PM to 1:00 PM	KITC N114	**Esri 3D and GIS: Roadmap and Opportunities**	Chris Andrews, Esri	Diamond Sponsor Keynote: Chris Andrews, Esri, Product Manager – 3D, ArcGIS Earth
1:15 PM to 2:15 PM	N100	**Why an As-Built Model Should NEVER be Used for Operations**	Autodesk	BIM
1:15 PM to 2:15 PM	N101	**The Life Cycle of Project Information**	tsaADVET	BIM , CAD , Document Management , GIS , New Technologies , Procedural Workflows , Web Map Applications for Campus Management , Integration Between Technologies
2:30 PM to 3:30 PM	N100	**Why is it important to know where people are?**	GFMS-Solutions	Department & People Management , IWMS Management Systems , Procedural Workflows , Space Information & Management, Strategic Planning
2:30 PM to 3:30 PM	N101	**Collection Space Management at Smithsonian**	Smithsonian Institution	GIS , Space Information & Management , Web Map Applications for Campus Management
3:45 PM to 5:30 PM	Outside Courtyard	**Tours**	CFTA	CU Campus Tree Tour	Old Main Heritage Center Tour	CU Campus Historical Tour

Thursday, August 4th: Day 2 CFTA Conference

Time	Location	Event	Presenter	Topic
7:00 AM to 8:00 AM	KITC N114	**Breakfast & Survey Discussion**	CFTA	Discussion on surveys of interest to CFTA members
8:15 AM to 9:15 AM	N100	**Leveraging the Valuable Knowledge that ONLY Exists in Documents and Drawings**	Birds of a Feather: Document Management	Birds of a Feather: Document Management
8:15 AM to 9:15 AM	N101	**Future Technology and the Rate of Change**	TURIS Systems, LLC	New Technologies
9:30 AM to 10:30 AM	N100	**Space Management Is STILL a Critical Campus Resource**	Birds of a Feather: Space Information & Management	Space Information & Management
9:30 AM to 10:30 AM	N101	**Using Mobile Data Collectors for Campus Data (hands-on)**	Open Spatial	GIS, Asset Data capture with mobile devices
10:45 AM to 11:45 AM	N100	**CU-Boulder's "High Altitude" Document Management**	University of Colorado Boulder	ACAD-Plus, Inc.	Document Management
10:45 AM to 11:45 AM	N101	**GIS Master Plan: from Planning to Implementation**	University of Massachusetts Lowell	GIS , Project Management , Space Information & Management , Web Map Applications for Campus Management
11:45 AM to 1:45 PM	KITC N114	**Lunch Session**	All members	Lunch, Keynote, All Member Meeting
12:15 PM to 12:45 PM	KITC N114	**Pushing the Boundaries: Technology Trends that Will Affect your Campus**	Chuck Mies, Autodesk	Diamond Sponsor Keynote: Chuck Mies, Autodesk, Autodesk BIM Solutions Executive
12:45 PM to 1:45 PM	KITC N114	**CFTA All Member Meeting**	CFTA	All Member Business Meeting
2:00 PM to 3:00 PM	N100	**CAD to GIS and more for Campus infrastructure data**	Open Spatial	CAD , GIS , Web Map Applications for Campus Management
2:00 PM to 3:00 PM	N101	**Our journey towards a New IWMS system**	UCSF	IWMS Management Systems , New Technologies , Space Information & Management
3:15 PM to 4:15 PM	N100	**Training the Pink Elephant**	IMAGINiT Technologies	BIM , CAD , Data Interoperability , New Technologies , Space Information & Management
3:15 PM to 4:15 PM	N101	**People, Data, and Systems Built to Last**	University of Kentucky	CAD , Department & People Management , Document Management , GIS , Procedural Workflows , Project Management , Web Map Applications for Campus Management
4:30 PM to 10:00 PM	Buses	**Special Event**	CFTA	Chautauqua Dining Hall followed by Shakespeare's Troilus and Cressida at the Mary Rippon Outdoor Theatre

Friday, August 5th: Day 3 CFTA Conference

Time	Location	Event	Presenter	Topic
7:00 AM to 8:15 AM	KITC N114	**Breakfast Blind Bidding Bonanza!**	CFTA	Interactive Raffle Drawing
8:30 AM to 9:30 AM	N100	**GIS and Facility Management System integrated at Smithsonian**	Smithsonian Institution	CAD , Data Interoperability , GIS , Web Map Applications for Campus Management
8:30 AM to 9:30 AM	N101	**UCB Cone Zone: Campus Construction Mapping**	University of Colorado Boulder	GIS
9:45 AM to 10:45 AM	N100	**BIM/3D Modeling for Doors, Frames, Hardware, & Access Control**	ASSA ABLOY	BIM , Document Management , New Technologies , Project Management, Revit Plugin
9:45 AM to 10:45 AM	N101	**Utilizing distributed BIM based Workplace Management tools to analyze the spatial performance of an entire facilities portfolio**	FM:Systems	BIM , CAD , COBie , Department & People Management , IWMS Management Systems , Space Information & Management, Web Map Applications for Campus Management
11:00 AM to 12:00 PM	N100	**Finding Your Way Around Campus**	Studio Graphique	Wayfinding for Campuses
11:00 AM to 12:00 PM	N101	**Validate Your Revit Data with the Model Checker and Configurator**	CADD Microsystems, Inc.	BIM , COBie , Data Interoperability , Procedural Workflows

CONFERENCE END