2017 CFTA Conference Agenda

Tuesday, 8/1/2017

Pre-Conference Sessions

(paid registration required)

7:00 AM – 8:00 AM   **Breakfast** *Grand Ballroom C*

8:00 AM – 12:00 PM   **Revit and BIM, What You Need To Get Started** *Mendota A/B*
Paul Aubin, *2017 Conference Keynote Speaker*

Building Information Modeling (BIM) is all the buzz these days throughout the building industry and associated trades. While there are many tools used in BIM workflows, none is more common and popular than Autodesk Revit. Are you looking to begin using Revit in your organization to create building models and manage BIM data? If so, then this workshop is just what you need to learn what Revit is all about. No prior Revit experience or expertise is required to attend this session. We'll take a high-level look at the Revit environment, its hierarchy and setup. Then we'll explore basic modeling elements like walls, floors, roofs, ceilings, components and topography elements. With an introduction to these basic modeling elements, we next move into mining data from your BIM and learn how to create reports, schedules and export information. We'll also explore importing data from AutoCAD and Navisworks and look at how to keep this data up to date as the source files change. Ample time will be allowed for exploration and question and answer periods. So if you want to learn what Revit is all about and see live demonstrations of the software in action, then join us for this information packed session.

8:00 AM – 12:00 PM   **Benefits & Trends of Integrated Workplace Management Solutions** *Mendota C*
Brian Haines, *Vice President of Marketing, FM:Systems*

Facility Management is a profession driven by change. Whether through corporate reorganization, new technology, or changes in workplace design, our field is defined by the need to constantly adapt or modify our facilities to respond to change.

Today's highly dynamic workplaces require facilities teams to do more with less. Using traditional tools such as spreadsheets and disconnected floor plans are inefficient at best and often leads to disparate, inaccurate data that is difficult to report on and analyze.

In this session, we will explore the evolution of foundational systems and analyze the benefits of adopting an integrated technology approach. We will examine the core functional areas of an integrated workplace management system (IWMS), which can turn tough challenges into positive results. We will also discuss emerging trends such as Alternative Workplace Solutions, highly mobile employees, and how IoT and sensor based solutions can be a force multiplier for your existing staff.

12:00 PM – 1:00 PM   Lunch *Grand Ballroom C*

1:00 PM – 5:00 PM   **Implementing BIM for Higher Education Owners** *Mendota A/B*
TJ Meehan, *Vice President of Professional Services, CADD Microsystems*
    --- This session has been developed by Autodesk and their partner CADD Microsystems ---

As an FM professional working at a higher education institution, you have some unique challenges. Many are turning to Building Information Modeling to help solve some of these challenges. This session will walk through what you need to know to successfully implement BIM. We will do a short discussion on the benefits and then spend some time on the components of a successful BIM implementation. Next, we will lay out a roadmap – short, medium, and long term – for what a BIM implementation may look like for a higher education institution. Lastly, we will spend time reviewing some free software tools designed to help owners make sure their BIM models are meeting their standards. Whether you are new to BIM or want to see some tips and best practices to help you with your current BIM implementation, this pre-conference session is ideal for you.

Learning Objectives:
- Learn the key points of BIM and the benefits
- Understand what BIM Requirements, BIM Project Execution Plans, LOD, and other components of a successful BIM implementation are and what you need to know about them
- Discover several free tools for owners to help you QA/QC BIM models and ensure you are getting the data you need

1:00 PM – 5:00 PM   **Exercising the Esri Platform To Plan, Operate And Share Your Campus**
Mendota C
George Dailey, *Education Program, Esri*
Ridge Waddell, *Education Account Manager, Esri*
Don Kuehne, *3D Product Manager - CAD, BIM, AEC, Esri*
Shane Matthews, *Community Maps Program, Esri*

Education institutions are physical entities. This makes them geographic entities. The equivalent of small (some, not so small) cities: they are composed of assets, spaces, buildings, systems, and complexities that require a unifying perspective both indoor and out. They also require ways of working collaboratively across various systems of record. The Esri technology platform already in place on CFTA campuses provides this capacity. This half-day demo/technical workshop will explore the application of Esri 2D and 3D GIS technology in support of campus and indoor facilities applications. Topics include:
- ArcGIS platform: Updates on the technology
- AutoCAD + ArcGIS: Data integration and interoperation
- Esri's Community Program: Living Atlas, Campus Mapping Initiative
- Stakeholders and communication: Sharing your story
- Resources: New campus viewer tools, templates, more
Throughout the session, participant questions, discussion, and feedback will be sought.

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Wednesday, 8/2/2017

7:00 AM - 8:00 AM   **Breakfast** *Grand Balllroom A/B*

8:00 AM - 8:30 AM   **Presidential Plenary** *Grand Balllroom A/B*
Opening attendee welcome session to learn about upcoming conference preceedings.

> **Michelle Ellington,** *GISP | GIS Coordinator, Facilities Information Services, University of Kentucky*
> *President, CFTA*
> Michelle Ellington has worked for UK since 2006 and has helped grow FIS from the ground up.
> She is the current CFTA President and is passionate about growing CFTA as a viable resource to
> support all of us to meet the challenging needs of our jobs.

8:30 AM - 9:15 AM   **Keynote: To BIM Or Not To BIM** *Grand Balllroom A/B*
Musings on the built environment, data, technology and jargon.

> **Paul F. Aubin,** *Independent Architectural Consultant*
> Paul F. Aubin is the author of many Revit book titles including the widely
> acclaimed: The Aubin Academy Series, Renaissance Revit and Revit video
> training at www.lynda.com/paulaubin. Paul is an independent
> architectural consultant providing Revit® for Architecture
> implementation, training, and support services. Paul's involvement in the
> architectural profession spans over 25 years, with experience in design,
> production, CAD management, mentoring, coaching and training. He is
> an active member of the Autodesk user community, an Expert Elite and is
> a top-rated repeat speaker at Autodesk University, Revit Technology
> Conference and Midwest University. His diverse experience in
> architectural firms, as a CAD manager, and an educator gives his writing
> and his classroom instruction a fresh and credible focus. Paul is an
> associate member of the American Institute of Architects and lives in
> Chicago with his wife and three children.

9:15 AM - 9:30 AM   Switch Break

9:30 AM - 10:15 AM   Revit Lifecycle Models For Building Renovation *Grand Balllroom C*
Learn how Wisconsin uses a single set of Revit central files for each building to display both existing conditions and future work. This presentation starts with planning, goals and some of the obstacles we encountered. The discussion is suitable for a department manager's perspective with enough details for hands-on staff to appreciate. We will also discuss some of the technical details demonstrating the use of links and phases to manage the lifecycle design models.

> **Amy Zabel Pietz,** *Architect/Engineer supervisor, University of Wisconsin - Madison*
> Amy is the Architect/Engineer Supervisor for Campus Renovation Services, the remodeling group, within Facilities Planning and Management at the University of Wisconsin-Madison. She is a licensed Architect with 22 years of experience.

9:30 AM - 10:15 AM   OSU Maps - Lessons Learned *Mendota A/B*
This presentation will share the history behind and the road to The Ohio State University's (OSU) GIS for everyone vision. Our experience began with humble data gathering, followed by a live OSU Maps web application we developed to provide students, staff, and faculty a view into useful information about the campus as a whole. I will conclude with our future vision of 3D GIS, tribulations, triumphs and lessons learned along the way will also be shared.

> **Larisa Kruger,** *Enterprise GIS Manager, The Ohio State University*
> Larisa Kruger is the Enterprise GIS Manager for The Ohio State University. Her focus is on the development of an Enterprise GIS, development of web mapping applications and continually championing data sharing and collaboration.

9:30 AM - 10:15 AM   University of Pennsylvania - Managing Our Space *Mendota C*
Space Management works with the Schools/Centers to create and update space plans and reports based on building measurements and project information submitted to Facilities. We maintain floor plans and space data for buildings currently owned or leased by the University of Pennsylvania. All space is coded occupying organization, utilization and use of rooms, floors, and buildings, as well as defining spaces for research. This is done through a web interface named Space@Penn, using a Tririga IMB interface.

> **Cheryl Smith,** *Sr Facilities Space Planner, University of Pennsylvania*
> Cheryl Smith is the Sr. Facilities Space Planner/Analyst for the University of Pennsylvania responsible for managing the University's portfolio of space data and floor plans. She has 25 years working with AutoCAD and 15 years working with Tririga.

10:15 AM - 10:30 AM   Switch Break

10:30 AM - 11:45 AM   Spark Session *Grand Balllroom A/B*
CFTA Business Partners attending the 2017 Conference offering rapid fire present on their solutions to provide an overview of the beneficial products and services they offer.

11:45 AM - 1:30 PM   Lunch Session, CFTA Election, Keynote *Grand Balllroom A/B*
Join us for a special meeting to vote for the 2017-2020 CFTA Director candidates.

Keynote: Applying GIS Principles to BIM Data

BIM data is structured and optimized for virtual construction and 3D visualization. This presentation will discuss how applying the geo-relational principles of GIS to BIM can extend the use of this information for 3D visualization, asset mapping and facilities workflows in GIS.

Don Kuehne, *3D Project Manager - CAD, BIM, AEC, Esri*
Don Kuehne is an Esri Product Manager, focusing on 3D: BIM/CAD/AEC, Kuehne is also the ArcGIS for AutoCAD Product manager. Kuehne enjoys coaching basketball and sailing boats.

1:30 PM - 2:00 PM   Business Partner Networking *Grand Balllroom A/B*
Attendees are encouraged to spend time with exhibitors and learn about offered solutions

2:00 PM - 2:45 PM   The Value of an Online Campus Space Survey Tool *Mendota C*
Many universities use manual methods to periodically track and update space information. This session explores how UW-Madison efficiently and effectively deploys the INSITE online Space Survey with powerful capabilities and an administrative component for monitoring submissions and reconciling conflicts before updating the space data. A look at INSITE's Space Survey will be included.

David Gerber, *Information Systems / Business Automation Specialist, UW - Madison*
Mr. Gerber has worked at UW-Madison in his current position for over seven years. His scope of responsibilities includes maintaining space data for more than 74,000 spaces, conducting periodic surveys, keeping data and providing information upon request.
Roy Davey, *Executive Vice President, OFMS, Inc. dba INSITE*

2:00 PM - 2:45 PM   Western Heights: The BIM Story - Beginning to End - By Owner & CM
Grand Ballroom C
Learn how WMU's two new 4 story residence halls, totaling approximately 190K SF to house 740 students were built in 2015 for $48 million utilizing BIM. Experience the pre-construction BIM used for marketing, hear about how BIM was used for construction, and finally see the BIM in use for maintenance and operations.   Along with highlighting the advantages of BIM, this team will share the BIM barriers they encountered, their solutions along with lessons learned as they move forward with BIM.

DeVon C. Miller, CPMP, LEED AP, *Building Commissioning Specialist at Western Michigan University, Western Michigan University*
DeVon has over 15 years of experience in project management including energy conservation, building automation systems and building commissioning.
Jani Hart, *Coordinator Facility Documents, Western Michigan University*
Michele Wreggelsworth, LEED AP, CM-BIM, *Project Executive, Miller-Davis Company*

2:00 PM - 2:45 PM   Academic Door Tracking *Mendota A/B*

The CU Boulder Police Department is responsible for manually unlocking & relocking exterior doors in academic buildings across campus. To improve this process we mapped all of the exterior doors, identified CUPD doors, tagged them, created a tracking application, and then connected that data to a mapping application. The final outcome is that we can track doors as they are unlocked, locate missed doors during the unlock process, and report issues in the field.

Paul Bailey, *Community Safety Official, University of Colorado Boulder*
Paul Baily is a CSO (community safety official) with a background in urban & regional planning and GIS. He has overseen system integration between cardREADr and Cleerio for use in simple real time asset management for community safety which may evolve into other uses on campus.
Elizabeth Goetz, *GIS Analyst, University of Colorado Boulder*

2:45 PM - 3:15 PM   Business Partner Networking *Grand Balllroom A/B*

Attendees are encouraged to spend time with exhibitors and learn about offered solutions.

3:15 PM - 4:00 PM   The Opportunity in Obstacles *Mendota C*

On our journey to complete routine tasks to achieve our goals, we often run into obstacles. By applying Lean philosophy to our Geospatial and Library environments, Gretchen will share how UK Facilities Information Services has embraced obstacles, using them as opportunities for personal, departmental, and campus-wide growth.

Gretchen Tucker, *Technical Administrator, University of Kentucky*
Gretchen Tucker is a Technical Administrator for UK FIS. She manages the daily operations of the Facilities Library (construction document archive), as well as facilitates the maintenance of accurate floor plans and space data.

3:15 PM - 4:00 PM   Revit Worksharing with Document Management Technologies
Grand Ballroom C

This session will cover how Revit and its Worksharing features can be used in combination with the Falcon/DMS Engineering Document Management System.

Walter (Terry) Cline, *VP of Sales Support, tsaADVET*
Terry has over 35 years experience with engineering apps (CAD, BIM, EDMS, etc.) Terry has conducted hundreds of technical presentations & classes.

3:15 PM - 4:00 PM   **Initiating Campus GIS Mapping: Baylor, TCU, and TCC's Paths to Success**
Mendota A/B
GIS continues to be increasingly utilized by college campuses. But not all paths to success are the same. Baylor University, Texas Christian University, and Tarrant County College tackled different projects and "quick wins" to initiate their campus GIS endeavors, including capturing as-built utility info, encroachment/easement surveys, game day operations, and public safety maps. Web mapping apps, CAD-GIS conversions, GPS collection standards, field validation, and that's only the beginning!

Chris Akin, GISP, *GIS Manager, Dunaway Associates*
Chris manages Dunaway Associates' GIS division and has almost 2 decades of experience in the development and management of geospatial projects, strategies, and implementations. Chris recently returned home to Texas after 15 years in New England.

4:00 PM - 4:15 PM   **Switch Break**

4:15 PM - 5:00 PM   **The Buckeye BIM Initiative: Existing Buildings to Design and Construction**
Grand Ballroom C
This session will present how The Ohio State University has successfully developed a plan to convert from 2D floor plans to 3D models for existing campus buildings. Includes background and decision points for the BIM for Existing Buildings and BIM for Design and Construction initiatives, which includes the process of developing a BIM Project Delivery Standard enabling OSU to adopt a wider use of BIM. An in-depth look at the processes and lessons learned.

David Pifher, *Architectural Services Manager, The Ohio State University*
David Pifher provides leadership for OSU's Planning and Design Studio along with managing the complete line of architectural services for 36M square feet of academic, research, and healthcare facility drawings across the University's 9 campuses.

4:15 PM - 5:00 PM   **Visualization of Space Data - The University of Miami's Path to Automation**
Mendota C
UM has improved the visualization of space data through the automation of high-quality graphic reports, allowing them to provide stakeholders with better information. Each unit can now quickly review their space. Space Planners have the tools to work more efficiently. The challenge of maintaining the data and reports without increasing staff required automation. This session will show how UM combined several tools to raise the bar in space data visualization.

Mario Perez, *Director of Space Management & Analysis, University of Miami*
Mario Perez is the Director of Space Management & Analysis at the University of Miami and is tasked with overseeing more than 10 million GSF of space across various campuses. He has more than 20 years experience in architecture and space management.
Glenn Seehausen, *President/CEO, ACAD-Plus, Inc.*

4:15 PM - 5:00 PM **Creating an Enterprise GIS from scratch** *Mendota A/B*

As Facilities become more aware of the benefits of utilizing GIS, they are often faced with the challenge of how to begin creating an enterprise GIS that works for them. This presentation will go over the best practices for planning an enterprise GIS, standard methods for converting data into GIS, and best management practices. Several benefits of having an enterprise GIS will also be highlighted with typical tasks facilities management employees are faced with on a daily basis.

Tony Yates, *GIS Supervisor, Langan*
Tony Yates is a certified GIS professional and is responsible for managing the GIS department at Langan. He has been with the firm for almost 7 years, and specializes in Utilities and Facility Management GIS.

Thursday, 8/3/2017

7:00 AM - 8:00 AM   **Breakfast** *Grand Balllroom A/B*

8:00 AM - 8:30 AM   **Keynote: Turning 'Disruptive Technologies' Into Enlightened IT Strategies for Your Campus'** *Grand Balllroom A/B*

Higher education facility management professionals are on the 2nd or 3rd round of implementing IWMS systems and were some of the first people to embrace CAFM, BIM and GIS in our industry. There is a need now to start experimenting and implementing with the newer 'disruptive technologies' that can interact with IWMS. This will require new people skills, and will create more efficient processes which will make planning and maintaining the existing and future places on campuses more efficient and effective. These technologies include the cloud, mobility, analytics/big data, social media, artificial intelligence/machine learning, mixed reality and the Internet of Everything (IoE).

Nancy Sanquist, *VP of Global Strategic Marketing, Planon*
Nancy Johnson Sanquist is the Vice President of Global Strategic Marketing for Planon, an IFMA Fellow, the Vice Chair of the IFMA Foundation and an Associate of AIA. She is an internationally recognized speaker and author of articles and various publications, including editing and writing a chapter for the second edition of Work on the Move 2. Nancy has been in the facility management and real estate technology field for over thirty years and, as a leader in IFMA, was one of the founders for both the Global Workforce Initiative (GWI) and the Workplace Evolutionaries Community. Trained as an architect and urban planner, Nancy was an early expert in the field of historic preservation on both the east and west coasts. She was trained at UCLA, Bryn Mawr College and Columbia University and has taught at Lafayette College, UCLA and the Graduate Business School at University of San Diego.

8:30 AM - 8:45 AM   Switch Break

8:45 AM - 9:30 AM   **Re-Thinking Construction Project Handover** *Grand Ballroom C*

Project handover is often the last thing on our minds when we design and build a facility. Utilizing web and mobile technology, we have changed that mentality; putting a concentrated effort on handover early and continually. The result is disruptive to the handover process and project team, but ultimately creates an amazing result. This session highlights why handover should be considered early, enabling software tools (including BIM), and potential roadblocks of the process.

William Jacobs, *Assistant Virtual Design and Construction Manager, Whiting-Turner*
Jacobs is creating better O&M packages at Whiting-Turner. M.S. and B.S. CEE from University of Illinois at Urbana-Champaign. Worked at University Facilities and Services Department creating BIM models and addressing deferred maintenance projects.

8:45 AM - 9:30 AM   Moving Tulane University onto GIS - the Good and Bad *Mendota A/B*
Until last year Tulane used various CAD drawings, some with no coordinate system and more recent CAD data from GPS grade surveys to track the campus utilities. This presentation examines the good and bad of switching to and using the new GIS system deployed. The system provides a single spatial database with the utilities data and is maintained part time by existing facilities staff, allowing desktop GIS editing, and web based access for others on campus.

Eric Stuart, *Assistant Director Infrastructure, Tulane University*
Eric has been with Tulane University Facilities Department for 15 years and is responsible for the campus facilities map and inventory including GPS, CAD and GIS and coordinating with design teams for existing utilities with new construction projects.
Colin Hobson, *Director, Open Spatial*

8:45 AM - 9:30 AM   3D Laser Scanning for As-Built Documentation *Mendota C*
During this session, the presenters will discuss best practices and will explore applications used for remodel projects. From transitioning from using college students to document spaces to developing construction plans using a 3D scanner to document spaces.   At the start of the project, planning and field measuring was timely and prone to human error. Using a 3D scanner and software allowed for accurate and quick field measuring and data collection that benefited the remodel design team.

Jon Lourigan, *CAD Manager, University of Wisconsin - Madison*
Jon Lourigan is the CAD Manager with Campus Renovation Services, the remodeling group within Facilities Planning and Management at University of Wisconsin-Madison. He manages the students that assist the department with various stages of the remodel projects.
Seng Lor, *BIM Coordinator, University of Wisconsin – Madison*

9:30 AM - 10:00 AM   Business Partner Networking *Grand Balllroom A/B*
Attendees are encouraged to spend time with exhibitors and learn about offered solutions.

10:00 AM - 10:45 AM   BOMA/FICM Space Standards and Procedures *Mendota C*
Space Management Conundrums: BOMA -vs- FICM; Workstations – vs- Offices; To number a room or not to number? Strategies and Tactics.

Fred Mechini, *CEO, GFMS*
Fred Mechini is an Architect, holding degrees from the School of Architecture at the Universita di Firenze (BA-Architecture) and the School of Architecture Pennsylvania State University, (MS Architecture - CAD).

10:00 AM - 10:45 AM   Integration of EDM, CAD, and GIS at USC Facilities Management Services
Grand Ballroom C
An explanation of the process which goes into making utility maps for the University of Southern California and how the maps leverage different software in order to present the information for our customers. The methods of presentation also allow for collaboration between different departments to ensure the data is accurate and informative.

   Michael Kasimoff, *Project Assistant, University of Southern California*
   Michael is a Document and GIS Specialist at USC. He has a degree from the USC School of Architecture and USC School of Policy Planning and Development.
   Jose Delgado, Manager, University of Southern California

10:00 AM - 10:45 AM   Supporting the New Normal *Mendota A/B*
Outsourcing has become the new normal. To survive this paradigm, it takes more than hard work to succeed. It takes working efficiently and offering value that clearly demonstrates the importance of the services you offer. In this session, Michelle will discuss how UK FIS is working to ensure its need as a critical FM area while becoming a process improvement area devoted to supporting others with campus FM technologies that help them to succeed in meeting goals of the immense challenges ahead.

   Michelle Ellington, *GISP, GIS Coordinator, Services, University of Kentucky; President, CFTA*
   Michelle Ellington has worked for UK since 2006 and has helped grow FIS from the ground up. She is the current CFTA President and is passionate about growing CFTA as a viable resource to support all of us meet the challenging needs of our jobs.
   Janet Schwartz, *Facilities Solutions Architect, University of Kentucky*
   Janet Schwartz serves as Facilities Solutions Architect with the University of Kentucky Facilities Information Services (FIS) Geospatial Services area for 3 ½ years. She is an architect with 25 years of experience in building design and construction.

10:45 AM - 11:15 AM   Business Partner Networking *Grand Ballroom A/B*
Attendees are encouraged to spend time with exhibitors and learn about offered solutions.

11:15 AM - 12:00 PM   GIS & Document Management: Searching for Documents by Location
Grand Ballroom C
We created an app to search for project docs within our Doc Mgmt system based on the location of the project, without creating a grid system. We used AutoCAD, student labor, Munsys GIS, Oracle Spatial db, ArcOnline vector tiles, Esri App Developer & custom widgets. The finished app allows users to drop a pin on a campus map & locate any project that has occurred within a radius around that point, filtered by date range. The user can then launch directly to that project in our doc mgmt system.

   Elizabeth Goetz, *GIS Analyst, University of Colorado Boulder*
   Liz is a GIS Analyst with a background in architecture. She maintains the UCB Munsys GIS db and creates & maintains the UCB GIS web map. She is esp. interested in linking GIS to other db systems on campus and connecting GIS with doc mgmt.

11:15 AM - 12:00 PM **Leveraging facility information to improve interoperability** *Mendota C*
Your organization has all the information it needs to answer those difficult questions. The problem is, the information is in mechanical rooms and buried in plan rooms. Add to that powerful BIM and CMMS systems and you are left with information scattered throughout your organization. Join us as we discuss how UW is leveraging BIM, CMMS, web applications and National Standards to collect and organize data and deliver it to our maintenance team in the field.

> **John Mulcahey PE,** *Mechanical Engineer, University of Wisconsin - Madison*
> Mulcahey has been in the facilities industry for over 25 years as a design engineer, an owner?s rep, and manager of a staff of over 150. Mulcahey has focused on process improvement initiatives and lean strategies throughout his career.
> **Seng Lor,** *BIM Manager, University of Wisconsin*

11:15 AM - 12:00 PM **Mapping Everything from New Utilites to Old Bones** *Mendota A/B*
This presentation will give an overview of the UNH Facilities/Campus Planning GIS program. It will focus on data development through the use of historical data, industry standard data collection techniques (Radio Detection, RTS, RTK GPS, etc.,) as well as utilizing new and emerging technologies to substantiate and enhance our enterprise GIS (UAV, Lidar, GPR, etc.). Additionally, we will discuss integrating out GIS into our workforce through web application utilization.

> **Shawn Herrick,** *Sr. GIS Analyst, University of New Hampshire*
> Shawn is the Sr. GIS Analyst for UNH Campus Planning. He has over 15yrs experience and a diverse background in Natural Resources, Municipal, and Utility GIS. He has also taught GIS at the high school and college levels.

12:00 PM – 1:45 PM **Lunch Session, Keynote, All Member Meeting** *Grand Ballroom A/B*

Keynote: Managing the High Performance Campus of the (near) Future
In this keynote we will explore how emerging sensor-based technologies integrated into smart campus buildings will provide an unprecedented amount of information to facility teams.   We will also cover how widely accessible smart digital signage, remote sensing and mobile devices can be used together to provide not only real-time insight into how your campus space is really being used, but also better service to your campus community. We'll examine the benefits as well as the challenges of all of this immense data and how it can provide critical insight into your operations through reporting and analysis provided by IWMS based big data platforms.

> **Brian Haines,** *Vice President of Marketing, FM:Systems*

All Member Meeting *Grand Ballroom A/B*
CFTA Leadership will announce election winners and present the past years' accomplishments and future vision for association goals.

> **CFTA Leadership** – All attendees invited

2:00 PM - 6:00 PM   Tour: EPIC Systems *EPIC*

CFTA attendees will have the unique opportunity to tour Epic, a worldwide leader in the development of software for health systems and patients in Verona, Wisconsin, home of its headquarters. The site is constructed with a focus on sustainability, and the campus includes geothermal systems for heating and cooling, two solar arrays, stormwater treatment areas, and off-site wind turbines. CFTA attendees will learn about EPICs project Deep Space, a five-story, underground auditorium, believed to be the biggest in Wisconsin with 11,400 seats and room for a future 3,000-seat balcony. The presentation will be followed by Q&A time and a brief tour of the facilities.

Buses will depart from the Edgewater promptly at 2:30PM. Attendees not participating in the Special Event at the Capital Brewery will return directly to the Edgewater hotel following the tour.

6:00 PM - 9:00 PM   Special Event: Evening Capital Brewery *Capital Brewery*

Join us for an evening of Food, Beer, and Music! Following the tour of EPIC, CFTA attendees will head over to Capital Brewery, a popular craft brewer in Madison. Enjoy a traditional Wisconsin cookout with music by Madison's Party Band, The Red Hot Horn Dawgs!

Buses will be departing from Captial Brewery at 8PM, 8:30PM and 9PM.

2017 CFTA Conference Agenda

Friday, 8/4/2017

7:00 AM - 8:00 AM   **Breakfast** *Grand Ballroom A/B*

8:00 AM - 8:45 AM   **Breakfast Blind Bidding Bonanza!** *Grand Ballroom A/B*

8:45 AM - 9:00 AM   Switch Break

9:00 AM - 12:00 PM   **Unconference** *Grand Ballroom A/B*
Unconference sessions are meant to be informal exchanges of information and driven by attendees!
Througout the conference, you'll have the opportunity to suggest topics you'd like to hear more about,
and volunteer to lead discussions by your area of expertise and interest.

12:00 PM   **CFTA Conference Concludes**