Campus
FM
Technology
Association

CFTA | Connecting Leaders in Campus Technology

CFTA'18 Agenda

Tuesday, July 31

Pre-Conference Sessions *(optional)*
Technical sessions from our business partners on industry trends and best practices.
9:00am - 5:00pm

Welcome Reception
Join us in the evening for light hors d'oeuvres and cocktails. Reunite with old friends and meet new ones. **5:30pm - 7:30pm**

Wednesday, Aug 1

Day 1
Welcome session, Keynote speakers, Breakout sessions, Business partner solutions showcase.
8:00am - 5:00pm

Thursday, Aug 2

Day 2
Keynote speakers, Breakout sessions, All-member meeting, Campus tour, Special event.
8:00am - 9:00pm

Friday, Aug 3

Day 3
Unconference & roundtable discussions, Conference giveaway.
8:00am - 12:00 pm

Monday, July 30
CFTA Board of Directors Leadership Meeting
Strategic Planning Session
9:00am - 5:00pm

CFTA'18 Agenda

Monday, July 30th

8:30 AM - 9:00 AM	**Breakfast** *Columbus Board Room*
9:00 AM - 12:00 PM	**Strategic Planning** *Columbus Board Room*
12:00 PM - 1:00 PM	**Lunch** *Columbus Board Room*
1:00 PM - 5:00 PM	**Strategic Planning** *Columbus Board Room*
5:00 PM	**Board Meeting Concludes** *Columbus Board Room*
6:30 PM - 9:00 PM	**Board Dinner** *Off-site*

CFTA'18 Agenda

Tuesday, July 31st
Pre-Conference Sessions
(paid registration required)

7:30 AM - 8:30 AM	**Breakfast** *Franklin Ballroom*
8:30 AM - 5:00 PM	**Meridian Symposium** *Sciota A* *(PRIVATE event for existing Meridian customers)*
8:30 AM - 10:00 AM	**The IoT: "A doorway in time, walking through a waking world."** *Olentangy A*

Jeffrey Lane, Integrated Solutions Specialist – Mid West, Business Development, ASSA ABLOY

We live in a wonderful world, where science and technology meet fantasy. A world where what was impossible yesterday is overcome today and becomes commonplace tomorrow. We live in an age where trains travel almost as fast as planes, where a small handheld device is your link to the world. As technology touches our lives, and the things in our lives, new vistas are opened before our eyes. Cars that can talk and soon will drive themselves, houses that we can talk to, that respond accordingly. Everyday objects that once were inanimate, now have been given life. Let's have a conversation about a doorway in time and through time. Where do we stand today and what do we see on the horizon. This Internet of Things is becoming the Internet of everything. What was once a convenience is now a necessity.

Learning Objectives:
- Form a foundation for looking at technological advancements
- Begin to think about where your facilities are today in connectivity and what is coming down the road
- Start to formulate how you would like to embrace technology within your systems to capitalize on existing and future infrastructure

Business Impact:
The IoT is very real and impacting everything we do on a daily basis, understanding the innovations and educating yourself on technology will enable you to make educated decisions on where your organization is headed and develop a path to take you there.

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8:30 AM - 10:00 AM **BIM Common Data Environment (CDE) for Lifecycle Data Management: Case Studies from Sydney Opera House and Other EcoDomus Clients** *Olentangy B*

Igor Starkov, CEO, Administration, EcoDomus, Inc.

EcoDomus' CEO, Igor Starkov, will share the lessons learned implementing BIM from design & construction to operations and facility management at organizations like the University of Southern California, Stanford, Sydney Opera House, GSA, Google, etc. The case studies will cover topics like: BIM Quality Control, BIM integration with IoT/BAS/CMMS/IWMS, BIM + 3D GIS, Point Clouds for Asset Management, Smart P&IDs connected to BIM, 2D/3D markups and BCF-compliant issues management, and other innovative technologies.

10:00 AM - 10:30 AM **Break**

10:30 AM - 12:00 PM **Planon Comes to Campus: Everything You Need to Succeed with IWMS** *Olentangy A*

Nancy Sanquist, VP Global Strategic Marketing, Planon Corporation
Jay Shay, Pre-Sales Consultant, Planon Corporation

All attendees will receive a Planon care package!

Join Planon and some special guests for this fun, informative pre-conference session. Much like a new student arriving on campus for the first day of a new semester, there are many paths and exciting possibilities that open up when a college or university decides to take on an IWMS project and implementation. As exciting and critical those possibilities are, it can also be a little intimidating and requires great preparation and communication.

And we believe you shouldn't have to do it alone!

Join our session to learn more about Planon's approach to helping higher education institutions get the most out of an IWMS project. You'll learn about our Campus Management solutions, experience a product demo, and learn more about our holistic approach, which includes consulting, managed services, lifecycle services, and more to help your team prepare to get the most out of an IWMS implementation on your campus.

We'll also share some of our customer success stories – and share some of the exciting things they've been able to accomplish. We'll also host a Q & A during this session – so come ready to

(Planon pre-conference session continued)

ask us your top questions about IWMS! This pre-conference session is for everyone, and all attendees of this session will receive a Planon Care Package to help them on their IWMS journey – whether they're just starting to research or if they're ready to make a change.

10:30 AM - 12:00 PM   **CAD2BIM: How OSU Took Campus Facilities Management to The Next Level** *Olentangy B*

Dan Looney, Enterprise Account Manager, Professional Services, Advanced Solutions
Joe Porostosky, Director, Facilities Information and Technology Services, The Ohio State University

Join Joe Porostosky, Director of Facilities Information and Technology Services at The Ohio State University and Dan Looney from Advanced Solutions as they walk you through the OSU journey to BIM. Through 9 years of extensive research and refinement, OSU has significantly reduced the legwork for other campuses with the development of CAD2BIM. Learn more about this new process, the importance of standardization, execution and how OSU uses it to provide new services and benefits, streamline management, optimize renovations, and increase communication with stakeholders and potential donors.

12:00 PM - 1:00 PM   **Lunch** *Franklin Ballroom*

1:00 PM - 2:30 PM   **The Future of Smart Campus Buildings and Space Utilization – Understanding and Analyzing How Your Staff, Faculty and Students are Interacting With Your Space** *Olentangy A*

Brian Haines, VP Marketing, Marketing, FM:Systems

In this presentation we will explore how emerging sensor based smart building technologies can be coupled with employee facing kiosks and mobile devices to enable organizations to better understand how their staff, faculty and students are interacting with your campus space. We will discuss the benefits and limitations of different occupancy utilization tracking methods, tools, and workflows which can help you better understand the concept of real-time utilization and how your space is really being used. We will also explore the hurdles that campuses must overcome when deploying smart building solutions including how to turn vast volumes of data from multiple sources into actionable intelligence to help you manage your space portfolio more efficiently.

(FM:Systesm pre-conference session continued)

We will have several sensors on-hand as well as examples of digital signage so attendees can get a close-up look at these emerging technologies and how they can be installed and implemented. We'll discuss each of the different solutions and which combinations are best to solve your specific needs.

Specific Learning Objectives:
- Understand the breadth of emerging based sensor technologies for measuring space utilization
- Learn how digital signage can help you to create a better faculty, staff and student centric environment
- Gain an understanding of the challenges to deployment of IoT sensor devices and how to overcome them
- Learn how to select the unique sensor combination to meet your specific campus needs and goals

1:00 PM - 2:30 PM   **BIM Requirements: Why You Need to Have Them** *Olentangy B*

T.J. Meehan, Vice President of Professional Services, CADD Microsystems, Inc.

As many higher education owners transition to BIM, the first step they all take in that process is to create a set of BIM Requirements, as they are the cornerstone to a successful implementation. What are they? Why are they important? How are they used? What will you find in them? During this deep-dive session, all of these questions will be answered in detail. In addition, you will learn about best practices, tips, and see what others are doing. You will walk away with all you need to know about these critical documents.

2:30 PM - 3:00 PM   **Break**

3:00 PM - 4:30 PM   **Esri Technology & Resources: Indoors, Across Campus, BIM-GIS Interoperation, and the Road Forward** *Olentangy A*

Jeff Archer, 3D Content Product Engineer, Esri
Esther Worker, Education Account Manager, Education, Esri
George Dailey, Education Administration Program Manager, Education Program, Esri

This preconference session will explore new software developments and the growing body of resources that tie to key campus workflows as well as new learning choices that will help keep users current and successful. Of prime importance is the launch of ArcGIS Indoors, which

(Esri pre-conference session continued)

includes the mapping of indoor spaces and campus and in-building navigation with GIS. Equally important is the continuing Esri-Autodesk alliance and the move to facilitate BIM-GIS integration. One manifestation of this work is the direct read of Revit models in ArcGIS Pro 2.2. Besides the ArcGIS core platform, new templates and extensions are regularly developed and deployed such as those focused on emergency management, public works, capital planning, and utilities. However, access to GIS software and related resources is not necessarily a formula for immediate success. This is why Esri invests heavily in advancing its training materials and learning opportunities for users. This includes the creation of new Learning Plans that foster mastery at a personal pace.

3:00 PM - 4:30 PM   **BIM Model QC Tools** *Olentangy B*

T.J. Meehan, Vice President of Professional Services, CADD Microsystems, Inc.

Go on a deep-dive of the free tools to both properly classify the elements in your models as well as perform quality control checks: the Autodesk Model Checker and Classification Manager for Revit. Whether you are reviewing your models or having your consultants provide reviews before submissions, this session will give you the skills necessary to ensure you're getting what you've asked for with your modeling requirements. We will spend time on the different classification systems you can use, including FICM, as well as how to build your own custom model checks and reports.

5:30 PM - 7:30 PM   **Welcome Reception** *Franklin Ballroom*

CFTA'18 Agenda

Wednesday, August 1st

7:00 AM - 8:00 AM   **Breakfast** *Franklin Ballroom*

8:00 AM - 8:25 AM   **Presidential Plenary** *Franklin Ballroom*

Michelle Ellington, GIS Coordinator, Facilities Information Services, University of Kentucky

8:25 AM - 8:30 AM   **Local Host Opening Remarks** *Franklin Ballroom*

Megan Steva, Facilities Data Analyst, Facilities Information & Technology Services, The Ohio State University

8:30 AM - 9:15 AM   **Main Keynote: Where Higher Education is in the Implementation of Technology for Facilities Management** *Franklin Ballroom*

Nick Tonge, Systems Support Manager, Facilities Department, Lancaster University

Learn from Nick as he shares how campus FM technologies have improved service and support within the United Kingdom Higher Education sector. Through a survey released this past April, Nick will present on his findings in this globally-focused keynote,

9:15:00 AM - 9:30 AM   **Switch Break**

9:30 AM - 10:15 AM   **BIM4M UCSF Health Revit BIM Integrated Maximo CMMS** *Scioto A*

Bruce Mace, Senior Director, Medical Center Facilities Management, UCSF Health

UCSF Health has been on a path to design buildings via integrated project delivery - with much success. Join us in looking at the real-time development of the 175,000 square foot Precision Cancer Medicine Building as it is being Revit 2017 designed, BIM specified and Maximo integrated in order to take advantage of the lifecycle potentials thus offered. Review the tools and software support platforms that all lend themselves to innovative lifecycle operations solutions.

9:30 AM - 10:15 AM **Bending the Data Silos with GIS** *Olentangy A*

Andrew Neil, GIS Technician, Facilities Information & Technology Services, The Ohio State University

GIS has historically been a flexible consumer of many different types of data. With the increasing use of Web APIs, this is even more so the case. Campuses may take advantage of this data flexibility to combine applications that may have traditionally been thought of as data silos. We present some applications used on the campus of The Ohio State University.

9:30 AM - 10:15 AM **Implementing ARCHIBUS as a Space Management Solution for Large Healthcare and University Organizations**
Olentangy B

Bob Stephen, CEO, Professional Services, RSC

In this session we will review lessons from the ARCHIBUS Implementation Journey at a large Heath Care organization, which willinclude, key strategies for implementing a successful IWMS solution and the common complexities that should be considered. We will also discuss shared chargeback with an affiliated University.

10:15 AM - 10:30 AM **Switch Break**

10:30 AM - 11:45 AM **Spark Session** *Franklin Ballroom*

CFTA Business Partners attending the 2018 Conference offering rapid fire presentations on their solutions to provide an overview of the beneficial products and services they offer.

11:45 AM - 12:30 PM **Lunch** *Franklin Ballroom*

12:30 PM - 1:00 PM **Election** *Franklin Ballroom*

Join us for a special meeting to vote for the 2018-2021 CFTA Director candidates.

1:00 PM - 1:25 PM **Keynote: Planon** *Franklin Ballroom*

Fred Guelen, President of North American Operations, CEO, Planon Corporation
Nancy Sanquist, VP Global Strategic Marketing, Planon Corporation

1:25 PM - 1:45 PM   <u>Keynote:</u> **Esri** *Franklin Ballroom*

Jeff Archer, 3D Content Product Engineer, Esri

1:45 PM - 2:00 PM   **Guest Speakers** *Franklin Ballroom*

Kathy Benton, Associate Director, Strategic Alliances, Society for College and University Planning
Randy Olson, VP of Global Business Development, Professional Development, ProFM

2:00 PM - 2:15 PM   **Switch Break**

2:15 PM - 3:00 PM   **What it takes to Build, Maintain, and Integrate 27m Square Feet of BIM** *Scioto A*

David Pifher, Architectural Services Manager, Facilities Information and Technology Services, The Ohio State University
Tracy Palmer, BIM Coordinator, Facilities Information and Technology Services, The Ohio State University
Larisa Kruger, Enterprise GIS Manager, Facilities Information and Technology Services, The Ohio State University

This session will discuss the processes, technology, and tools that Ohio State uses to build Revit models from AutoCAD, maintain those models over time, and integrate project models into our environment. Additional focus will be placed on how the Revit data is shared with ArcGIS, including limitations of our current approach. We willl wrap up sharing best practices and lessons learned managing a large portfolio of BIM along with current challenges.

2:15 PM - 3:00 PM   **FME for Facilities Management** *Olentangy A*

Niels la Cour, Senior Physical Planner, Campus Planning, University of Massachusetts Amherst

After nearly a decade of experience using Safe Software's FME (Feature Manipulation Engine) to integrate different data sources into GIS for facilities management, UMass Amherst is exploring new ways of using this technology to do "more with less". In this presentation, we will illustrate our team's approach to developing more automated workflows that allow for the quick and easy gathering of information and quickly providing ways to share that information with those who need it.

2:15 PM - 3:00 PM   **IWMS and Business Intelligence, Turning Data Into Information**
Olentangy B

Nick Tonge, Systems Support Manager, Facilities, Lancaster University & Planon
Nancy Sanquist, VP Global Strategic Marketing, Marketing, Planon

An effective IWMS makes the right data quickly accessible to support critical decision-making. Learn how Lancaster University employs business intelligence to create informative reports to better understand campus operations, what types of reporting are required on both North American and European campuses, and how new technologies are providing more real time data, allowing for quicker analytics and creating better simulations for planning, operations and maintenance for the new smart campus.

3:00 PM - 3:30 PM   **Business Partner Networking** *Franklin Ballroom*

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

3:30 PM - 4:15 PM   **Model QA/QC Process: How OSU and WMU Ensure They are Receiving Good Revit Models** *Scioto A*

T.J. Meehan, Vice President of Technology Solutions, Services, CADD Microsystems, Inc.
Joe Porostosky, Director, Facilities Information and Technology Services, The Ohio State University
DeVon Miller, Building Commissioning Specialist, FM Engineering, Western Michigan University

How do higher education owners make sure they are getting high quality Revit models from their consultants? They implement a sound quality control process! In this session, see how The Ohio State and Western Michigan Universities have customized the Autodesk Model Checker and Classification Manager for Revit to be able to provide these tools to their consultants (as well as use them internally) to easily validate that the models meet their BIM requirements.

3:30 PM - 4:15 PM   Taking Over Campus Data with GIS *Olentangy A*

Pamela Locke, GIS Specialist, Facilities Information Systems, University of Massachusetts Lowell

The University of Massachusetts Lowell has taken the application of GIS technology beyond the walls of Facilities Management. UMass will present on data collection, departmental collaboration, and return on investment.

3:30 PM - 4:15 PM   Key Ingredients to an Effective IWMS Search *Olentangy B*

Monty Combs, Director of Systems & Services, Facilities Management, Brown University

In this presentation Brown University will present the process that they underwent to identify and select an IWMS that best meets the requirements of their Facilities organizations. The presentation will include the process to develop an RFP, scoring of the RFP, on-site product demonstrations and scoring, as well as the internal process to gain acceptance from the FM team and the University's administration.

4:15 PM - 4:45 PM   Business Partner Networking *Franklin Ballroom*

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

4:45 PM - 5:15 PM   BIM to FIM: It's More than Just Technology *Scioto A*

Matt Davoren, President & COO, Exec, CADD Microsystems, Inc.

As owners receive BIM deliverables as a part of new construction and renovation projects, they are finding they have islands of data just waiting to be put together. By defining their Facility Information Model (FIM), they will get a solution to embrace process change, take control of the handover process, and develop a game plan for putting their Facilities Information Model to use.

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4:45 PM - 5:15 PM   Grounds Management: Synergizing GIS, Institutional Knowledge, & APPA Guidelines *Olentangy A*

Michelle Ellington, GIS Coordinator, Facilities Information Services, University of Kentucky

In a climate of high expectations where decisions and operations are data driven, GIS has become a critical tool in Facilities Management at the University of Kentucky. Learn how GIS technologies such as ArcGIS Collector and Web AppBuilder supported the Grounds Department's adoption of APPA Operational Guidelines for Educational Facilities. Results include informed planning, time and staffing metrics, efficient operations, information dissemination, and administrative transparency.

4:45 PM - 5:15 PM   Immersive 360 imagery, VR, & GIS: Where Integrations Are Delivering Value to FM *Olentangy B*

John Young, Practice Lead/ Sr Consultant, Geospatial Services, Patrick Engineering

This presentation will highlight a "newer" technology to the FM world - immersive 360 imagery and tools available from camera/ technology platform provider Matterport. Immersive imagery allows the viewer to "walk through" the image and closely assess building space and objects or assets within it. One can tag assets in an image and assign a variety of attributes and hyperlinks. Immersive images or "spaces", VR options, and tagged assets can all be integrated with other FM business systems.

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Thursday, August 2nd

7:00 AM - 8:00 AM **Breakfast** *Franklin Ballroom*

8:00 AM - 8:25 AM **Keynote: FM:Systems** *Franklin Ballroom*

Brian Haines, VP Marketing, Marketing, FM:Systems

8:25 AM - 8:45 AM **Keynote: ACAD-Plus, Inc.** *Franklin Ballroom*

Glenn Seehausen, President/CEO, ACAD-Plus, Inc

8:45 AM - 9:00 AM **Switch Break**

9:00 AM - 9:30 AM **CAD to GIS and more for Campus Infrastructure Data** *Scioto A*

Colin Hobson, Director, North America, Open Spatial

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 covers best practices from the experiences and systems being used at Michigan State University, University of Colorado Boulder, Notre Dame, Georgia Tech and others. The solutions enable CAD users to create high quality GIS data from within the CAD, and create a "single source of truth" for utility/infrastructure data.

9:00 AM - 9:30 AM **Smart Uses For Your Smart Phone - Mobile GIS Apps** *Olentangy A*

Tony Yates, GIS Supervisor, GIS, Langan Engineering

This presentation will discuss how mobile technology can benefit campus employees with tasks such as asset inventories, project tracking, and inspections and reporting. We will go through how QR codes can be set up on assets with links to mobile applications to retrieve certain information or to perform typical inspections. These work efforts can be tracked in real-time through interactive web applications, along with generating custom formatted reports of information collected in the field.

9:00 AM - 9:30 AM   **Using Facility Data Collection to Create a 5 Year Capital Plan**
Olentangy B

Josh Lowe, Chief Customer Officer, Customer Experience, AkitaBox

In this presentation we will share a simple 5 step process for collecting facility asset data for maintenance and planning. Topics covered will include collecting accurate data without taking your team away from maintenance, creating reports with this data, and using data to implement a preventive maintenance plan.

9:30 AM - 10:00 AM   **Business Partner Networking** *Franklin Ballroom*

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

10:00 AM - 10:45 AM   **Space Management at The Ohio State University: What We Do, How We Do It, Why We Do It** *Scioto A*

Megan Steva, Facilities Data Analyst, Facilities Information & Technology Services, The Ohio State University

An overview of how Ohio State manages space and building data for both our academic campuses and medical center. Our SIMS (Space Information and Management System) website/database tracks 1,200+ buildings totaling over 38 million GSF. Among the topics discussed, we will look at how our department is organized, how the database works with our GIS, Archives, and BIM teams, how the data is utilized both internally and externally, problems we face, and upcoming initiatives for space management.

10:00 AM - 10:45 AM   **Round Table: Building the Campus GIS from Ground Up**
Olentangy A

Panalists: The Ohio State University, University of Colorado - Boulder, University of Kentucky, Dunaway Associates

Given that the potential user base and functionality of GIS is larger than it's ever been, building a University's Campus GIS from the ground up can be an intimidating task. This panel of experienced Campus GIS professionals will discuss topics that include, but are not limited to, establishing a foundational enterprise geodatabase, setting realistic short and long-term goals, prioritizing data collection, and achieving quick successes with your internal users to establish support.

10:00 AM - 10:45 AM   **Round Table Discussion - Digital Archives and Records Retention Laws** *Olentangy B*

Panalists: Michigan State University, University of Kentucky, The Ohio State University

Ever run into a file format extension you have never seen because it has not been used for more than a decade? How do we ensure that our digital archives will be readable to future users? This panel (TBD) lead Roundtable is a wonderful opportunity to ask questions and have discussions with our colleagues about policies and recommendations for adhering to records retention laws and maintaining digital archives in our rapidly changing technology oriented environment.

10:45 AM - 11:00 AM   **Switch Break**

11:00 AM - 11:30 AM   **How Contractors Use BIM** *Scioto A*

Brittany Giel, VDC Manager, Virtual Design and Construction, Whiting-Turner Contracting
William Jacobs, VDC Manager, Virtual Design and Construction, Whiting-Turner Contracting

This session will cover how to establish strong BIM requirements from both Designers and Contractors to facilitate a successful BIM implementation downstream for future projects. Through the lens of a contractor, it will present details of a BIM assisted university project. The project utilized 3D coordination, prefabrication, and an integrated digital turnover data product. It will present lessons learned and potential challenges of BIM execution in education.

11:00 AM - 11:30 AM   **ROI with Facilities GIS: Where Geometry, Geography, and Facilities Data Meet** *Olentangy A*

Stuart Rich, CTO, InVision, PenBay Solutions, LLC

Any organization that makes an investment has an expectation of benefit and the world of facilities management is no different. Given the costs, scale, value, and risks of facilities to most organizations, an incremental improvement in returns can have enormous financial and mission impact. Learn how geospatial systems play a unique and essential role in providing a significant Return On Investment by marrying geometry, geography, and tabular facilities data.

11:00 AM - 11:30 AM   **The Three Spirits of IWMS: Past, Present, and Future** *Olentangy B*

Jeff Revoy, Chief Revenue Officer, Executive, SpaceIQ

The needs of modern students and faculty are evolving, and campus facilities and their IWMS software should evolve with it. Modern day IWMS platforms offer easy-to-use, intuitive analytics allowing facility managers, planners, teachers, and students to engage with the software, creating a dynamic campus that everyone expects. The IWMS platform of the future goes further by creating powerful ways to anticipate maintenance needs. Join us in this interactive presentation to learn how to get started.

11:30 AM - 12:15 PM   **Lunch** *Franklin Ballroom*

12:15 PM - 12:40 PM   **Keynote: ASSA ABLOY**
                                                Franklin Ballroom

Ryan McLachlan, AHC, CM-BIM Openings Studio Consultant, ASSA ABLOY

Simplifying Opening Standards with Virtual Design Guides - This presentation will introduce the benefits of utilizing virtual design guides to communicate complete opening standards in usable formats that increase efficiency and accuracy during the design phase while streamlining coordination of requirements between related disciplines. Using the power of Building Information Modeling; product information, specifications, data rich door families, and elevation sheets can be provided to AEC teams before the design process even begins, helping to eliminate unnecessary and costly errors on projects. Intelligent objects provided to design teams are formatted to enable project close-out deliverables that can be leveraged to manage facility openings and/or supplement Facility Management systems.

12:40 PM - 1:00 PM   **Keynote: Autodesk, Inc.** *Franklin Ballroom*

Chuck Mies, Senior Manager, Business Development, AEC Solutions, Autodesk, Inc.

1:00 PM - 1:30 PM   **All Member Meeting** *Franklin Ballroom*

1:30 PM - 1:45 PM   **Switch Break**

1:45 PM - 2:15 PM **Leveraging Project Data in BIMs for Efficient Building Operations & Maintenance** *Scioto A*

Walid Thabet, President, Virtual Facilities Consulting

Capturing data in BIMs for import into FM software or real-time synchronizing of BIMs with FM software remains a challenge for facility owners. Using a case study approach, this presentation discusses a 6-step process for BIM-FM integration to help owners answer these questions:

WHY should my business engage in a BIM-FM strategy?
WHAT data is required?
WHAT format should be used to deliver the data?
HOW is the data transferred to the CMMS?
WHAT should be included in BIM-FM owner standards?

1:45 PM - 2:15 PM **How Does Your GIS Rank? University of North Texas's GIS Assessment Using GIS Capability Maturity Model** *Olentangy A*

Chris Akin, GIS Manager, GIS, Dunaway Associates
Peter Palacios, Information Services Manager, Facilities, University of North Texas

The University of North Texas is using URISA's GIS Capability Maturity Model assessment to review, assess, communicate, and grow the maturity of their Enterprise GIS.

The GIS CMM helps:
- Communicate program accomplishments to management
- Create program champions
- Determine improvement/investment needs
- Provide program planning input
- Support budget requests
- Realign operations and services
- Improve departmental communication and collaboration

You can do it, too...and it's free!

1:45 PM - 2:15 PM **3D Laser Scanning for In-House Remodel Projects** *Olentangy B*

Jon Lourigan, CAD Manager, Facilities Planning & Management, University of Wisconsin - Madison

Using a 3D scanner and software allows for accurate and quick field measuring and data collection that benefits the remodel design team. Things we will talk about are best practices on scanning setup and data collection, how we process the data and import RECAP files into REVIT for updating building models.

2:15 PM - 2:30 PM	**Switch Break**

2:30 PM - 3:00 PM	**A New Frontier for Business Intelligence in Facilities Management** *Scioto A*

Abbas Piran, Director of Facilities Technology Group, Facilities Technology, University of North Carolina at Chapel Hill
Katherine O'Brien, GIS Coordinator, FTG, University of North Carolina at Chapel Hill

Unmanned Aerial Vehicles (UAV) are positioned as a disruptive technology in facilities management. The University of North Carolina at Chapel Hill partnered PrecisionHawk to explore the use of drones in campus operations. From capturing compelling video for communication, utilizing infrared imagery for inspections, GIS mapping, to reviewing construction site progress the pilot project builds a business case for institutionalizing a drone program as an essential tool for facilities management.

2:30 PM - 3:00 PM	**Using Mobile LiDAR data as a base for an Asset Management/Facilities Management (AM/FM) Solution at Penn State University** *Olentangy A*

Stephen Ellis, GISP, CMS, Sr. Mobile Mapping Specialist, Survey Department, Langan Engineering
Tony Yates, GISP, GIS Supervisor, GIS, Langan Engineering
Karen Schuckman, PLS, CP, CMS-Lidar, MGIS, Assistant Teaching Professor, Dutton e-Education Institute, Pennsylvania State University

Langan used its mobile LiDAR system to scan Penn State University's main campus to create a LiDAR point cloud. All AM/FM features were extracted from the LiDAR data exported into an Esri Geodatabase. Having AM/FM data in a central GIS database, each department can make decisions with the most current data available. Assets are able to be updated in real-time through web and mobile applications such as Collector and Survey123. Users are able to view these updates without any experience in GIS software.

2:30 PM - 3:00 PM **Bridging Indoor-Outdoor Environments for Improved Utility Asset Management** *Olentangy B*

Michael Goggin, Director, Geospatial Services, Patrick Engineering
John Young, Practice Lead/ Sr Consultant, Geospatial Services, Patrick Engineering

"Can we accurately locate our above and below ground utility assets", "can we prevent utility 'dig-in' incidents" or during an outage event "where are the impacted buildings or assets"? These questions may not be easy to answer for most institutions. In this presentation, Patrick will describe how they are helping public and private institutions implement utility infrastructure management solutions using Esri's ArcGIS platform and its recent release of the Utility Network Management extension.

3:00 PM - 3:30 PM **Load onto Buses for The Ohio State University Tour** *OSU Campus*

Buses will depart from the Marriott promptly at 3:30 PM.

3:30 PM - 5:00 PM **Tour Part 1: Individual Tours on The Ohio State University Campus** *OSU Campus*

CFTA attendees will have the unique opportunity to participate in one of the following tours on The Ohio State University: *(pre-registration required. Tour busess leave promptley at 3:30 PM)*

- Architecture Tour
- Landscape Tour
- CBEC Building Tour
- Schottenstein Tour
- Planetarium Tour

5:00 PM - 6:00 PM **Tour Part 2: Bus Tour of The Ohio State University Campus** *OSU Campus*

Tour participants will learn about the University via a tour led by guides from The Ohio State University followed by dropoff to the Ohio Union Center to enjoy the evening Special Event.

CFTA'18 Agenda

6:00 PM - 9:00 PM   <u>Special Event:</u> **Evening at The Ohio State University Student Union | AR/VR Exhibit** *OSU Campus*

Join us for an evening of Food, Beer, and Music! Following the tour of The Ohio State University, CFTA attendees will head over to The Ohio State University Student Union. Enjoy a dinner, local jazz musicians, play a round or two of cornhole and experience virtual reality stations.

Attendees not participating in the Special Event will return directly to the Marriott hotel following The Ohio State University bus tour.

Buses will be departing for the Marriott from The Ohio State University Student Union at 8PM, 8:30PM and 9PM.

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Friday, August 3rd

7:00 AM - 8:00 AM	**Breakfast** *Franklin Ballroom*
8:00 AM - 8:45 AM	**Breakfast Blind Bidding Bonanza! ---RAFFLE** *Franklin Ballroom*
8:45 AM - 9:00 AM	**Break** *Franklin Ballroom*
9:00 AM - 12:00 PM	**Unconference** *Franklin Ballroom*

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.

12:00 PM	**CFTA Conference Concludes** *Franklin Ballroom*