AI & DT-ENABLED
SMART CITIES

**UF DCP Industry
Innovation Summit**

April 10, 2025

Jonathan and Melanie Antevy Hall
University of Florida

UF College of Design,
Construction and Planning

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AGENDA

Time	Item	Details
8:00 am	**Registration**	
8:15 am	**Welcome**	Ravi Srinivasan, Associate Dean	UF DCP Chimay Anumba, Dean	UF DCP David Reed, Assoc. Provost Strategic Initiatives	UF
8:30 am	**Poll**	
8:45 am	**Panel: Smart Cities** Presentation/ Talk by panelists Open Mic	Kurt Dudas, VP Strategic Initiatives	UF Andy Lin	Mark III Marc Craddock	Siemens Jason Montgomery	Jacksonville Transp. Authority Luke Easdale	Autodesk
9:30 am	**Plenary Speaker 1**	Gary Hoyt	Hoyt Architects / Imerza
10:00 am	**DCP Research Roadmap**	*DCP Agenda-setting Whitepapers* 1: Health and the Built Environment	Lisa Platt 2: Circular Economy	Rui Liu 3: Advanced Robotics	Idris Jeelani 4: Affordable Housing	Bill O'Dell
10:45 am	*Coffee Break*	
11:00 am	**Plenary Speaker 2**	Sean Dotson	Automation AMA
11:45 am	*Lunch Break*	
1:00 pm	**Visioning the Future of Smart Cities**	Andy Lin	Mark III Chris Casilli	Siemens Luke Easdale	Autodesk Mark Helms, Assistant VP - Facilities	UF
1:05 pm	*Breakout Session*	
1:35 pm	*Share Perspectives*	
2:00 pm	**Plenary Speaker 3**	Luke Easdale	Autodesk
2:30 pm	**DCP Research Roadmap**	*DCP Agenda-setting Whitepapers* 5: Smart Cities	Karla Saldana Ochoa 6: Advanced Design, Engineering	Luis Mejia-Puig 7: Resilient Communities	Changjie Chen 8: Workforce Development	Ryan Sharston
3:15 pm	*Coffee Break*	

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3:30 pm	**Building Smart Cities**	Jason Montgomery | Jacksonville Transp. Authority Gary Hoyt | Hoyt Architects/ Imerza Steve Moore | Siemens Mark Reid | RideBeep Sean Dotson | Automation AMA
3:35 pm	*Breakout Session*	
4:00 pm	*Share Perspectives*	
4:30 pm	**Innovation to Commercialization**	Lenny Terry, Assistant Director | UF Innovate
4:45 pm	**Networking & Collaborative Initatives**	
5:00 pm	***Wrap-Up***	

Acknowledgements:

UF DCP Staff
Kodi van Antwerp, Sara Winner, Brent Ferraro, and Brianna Fried

UF PhD Students
Asif Zeshan, Baichuan Liu, Ulfa Aulia, Chloe Jin, Rahul Anggarwal, Ziyi Guo, Damilola Onatayo, Deepak Balakrishnan, Hisham Khafaji, Colin Lasch, Isabel Figueroa

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Chimay Anumba
Dean and Professor
UF

Dean Anumba began his tenure as dean of the college in August 2016.
He is well known globally for his contributions on the innovative use of advanced computing techniques to address complex problems in design and construction. He has more than 500 publications, including 20 books and more than 200 archival journal papers on aspects of construction engineering. He was elected a Fellow of UK's Royal Academy of Engineering in 2012 and a member of the U.S. National Academy of Construction in 2020.

Ravi Srinivasan
Associate Dean for Research and Strategic Initiatives
UF

Dr. Srinivasan specializes in AI and Digital Twin-enabled Smart Buildings.
In 2017, he co-edited the book "Smart Cities: Foundations, Principles, and Applications" (Wiley & Sons). He holds an M.S. degree in Civil Engineering from the University of Florida and M.S. and Ph.D. degrees in Architecture (Building Technology) from the University of Pennsylvania. He is a Certified Energy Manager (CEM), a LEED Accredited Professional, a Green Globes Professional (GGP), and is certified U.S. Institute of Building Documentation (USIBD) Level of Accuracy v3.0. He is also an FAA certified remote pilot and a student pilot. He holds eight patents filed with the U.S. Patent and Trademark Office.

David L. Reed
Associate Dean for Research and Strategic Initiatives
UF

Dr. David Reed joined the Office of the Provost in 2018 as a Provost Fellow, focusing on increasing faculty nominations for prestigious awards and leading UF's artificial intelligence initiatives. He played a key role in launching AI Across the Curriculum in 2020, which now includes over 200 courses and reaches 12,000 students annually. In 2022, he established the AI Academic Initiative (AI2) Center to support AI education and collaboration. Before this, Dr. Reed was a Curator and Chair at the Florida Museum of Natural History and has been a UF faculty member since 2004, with research funded by the NSF for the past 20 years.

Kurt Dudas
Vice President, Office for Strategic Initiatives
UF

As a member of the University of Florida President's Cabinet, he oversees strategic planning and implementing of initiatives, beginning with the launch of the UF Jacksonville Graduate Campus. Previously, Kurt was a partner at Ehrenkranz Partners, a firm that offers tax and investment advisory services. Prior to this role, he served as Director at UBS Investment Bank and worked as an associate in the tax department at Simpson Thacher & Bartlett LLP. Additionally, he worked as a consultant with McKinsey & Co. Kurt earned his J.D. from Harvard Law School and his B.A. from The University of Chicago.

Andy Lin
VP Strategy, CTO
Mark III Systems

Andy is VP Strategy, CTO of Mark III Systems, an award-winning NVIDIA Elite Partner and 2025 NVIDIA Higher Education Research Partner of the Year, with a focus on working with enterprises, research institutions, and universities on building out and co-piloting their AI, GenAI, Modern HPC, and Digital Twin Centers of Excellence. Andy leads a unique, cross-functional team of data scientists, systems engineers, devs, MLOps Engineers, 3D artists, HPC/ AI architects, and subject-matter experts, who work tightly together with researchers, data scientists, ML engineers, and technology operations teams to accelerate and move research and innovation forward everyday.

Marc Craddock, CEM
Account Executive, Southeast US
Siemens Industry, Inc.

Mr. Marc Craddock has been involved in the energy efficiency industry for over 25 years and is responsible for business development of infrastructure performance contracts within the Florida higher education business sector. In addition to his role as Account Executive, as Team Lead, he is responsible for developing and sharing best practices with the extended account executive team while participating as a strategic leader for targeted opportunities. Since joining Siemens in 2004, he has been responsible for the development and implementation of over $300M in efficiency projects.

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Jason Montgomery
VP – Data Science
Jacksonville Transportation Authority

Jason has served as the head of data science and business intelligence at JTA since 2017. He directs all aspects of the agency's data strategy, including leading enterprise-wide data transformation initiatives, enhancing data governance frameworks and operationalizing cutting-edge technologies as evidenced by the JTA Amelio measurement system and the JTA IDEA Lab. Under his leadership, the data science team leverages data, advanced analytics, and emerging technologies to drive business strategy and operational excellence in System Planning, Administration, Operations, Safety and Finance.

Luke Easdale
Sustainability & Impact Manager
Autodesk

Luke Easdale is Sustainability & Impact Manager at Autodesk, where he amplifies Autodesk's impact strategy and ESG initiatives. His team focuses on improving operations, supporting customers to leverage technology for sustainable outcomes, and advancing industries by engaging with consortiums and leaders. Prior to Autodesk, Easdale led sustainability initiatives for the City and County of San Francisco, including the Global Climate Action Summit and the Bay Area Regional Energy Network. He is a passionate storyteller and an avid fixer of broken things.

Gary Hoyt
President/CEO
Hoyt Architects

Gary B. Hoyt FAIA, is the founder and Director of Design for Hoyt Architects, a leading architecture and urban design studio based in Sarasota, Florida. He is also the co-founder and CEO of Imerza, a VR/XR Immersive Intelligence tech company pioneering the creation and integration of digital twin technology for city design and analysis. Mr. Hoyt received his M.A. in Architecture, specializing in Environmental Technology, from the Univ. of Florida. He is also a board member of the UF DCP Architectural Advisory Board and FIBER (Florida Institute for Built Environment Resilience).

Chris Casilli
**Digitalization Transformation Manager
US PSE Head of Design and Development**

Chris has +28 years of industry experience with Siemens. Honored as the Siemens Inventor of the Year in 2020, he was recognized for his outstanding innovation in IoT enablement. He is a key expert at Siemens in critical spaces, plant optimization, system integrations, and building information modeling, holding numerous U.S. patents in these areas. Currently, Chris leads a research and development team in the U.S., focusing on bringing future technologies to the present. His current research interests include formal methods for the verification of high-consequence, high-integrity systems. Chris also has a background at Lockheed Martin in the U.S. defense industry, where he specialized in advanced system testing.

Mark Helms
**Assistant Vice President
Facilities Services, UF**

Mark Helms assumed the role of assistant vice president for UF's Facilities Services Division and Sustainability in 2016. Mark has more than 30 years of university-related operations and maintenance experience and most recently held the position of director of facilities operations at Virginia Tech. Additionally, he assisted Virginia Tech with leadership transition by serving as interim associate vice president/chief facilities officer. In his role at UF, Mark oversees direct services for UF buildings, common areas, streets, sidewalks, landscaping, utility systems and more in support of the Physical Plant Division's mission to maintain and improve a physical environment conducive to learning, teaching, research and service for UF students, faculty and staff, and visitors to campus. Mark holds a Bachelor of Science from Bluefield College and is a member of various professional associations.

Sean Dotson
Automation AMA

Sean Dotson, PE is a recognized leader in industrial automation and robotics and the founder of RND Automation, a firm that specializes in advanced automation, robotics, and packaging solutions for the manufacturing sector. With over 30 years of hands-on experience in engineering, operations, and sales, Sean has played a key role in helping OEMs and manufacturers adopt cutting-edge technologies to drive productivity and performance. He sold RND in 2020 and stayed on as CTO of the parent organization CAS. Sean is now CEO of Elite Robotics based out of Utah and North Carolina. In recognition of his contributions to the field, he was honored with the Distinguished Alumnus Award by the University of Florida's Department of Mechanical and Aerospace Engineering.

Steven A. Moore
Siemens

Steven A. Moore holds a Bachelor's degree in Industrial Engineering from Rhode Island College and brings over four decades of experience in the Smart Buildings industry. For 41 years, he has been providing innovative solutions for new construction projects focused on smart infrastructure. He spent 35 of those years with Siemens Industry, Smart Infrastructure, where he played a key role in advancing smart building technologies.

Mark Reid
Cofounder and SVP
RideBeep

Mark Reid is the cofounder and SVP at RideBeep. He is a sales, marketing, and operations expert with over 30 years of international experience across various industries. Currently, he handles public affairs at Beep. Previously, Reid co-founded and served as CEO of Zilarah Technologies, an IT and Telecommunications solution provider, and Jamaica Network Access Point Limited, a telecommunications colocation facility in the Caribbean. He also founded and led Haltek Global Corporation, a VoIP-focused firm, and held management roles at Chang International Enterprises, Inc. Reid holds an MBA from Barry University

W. Leonard Terry, Jr.
Assistant Director, Engineering & Physical Sciences
UF Innovate Tech Licensing

Dr. Lenny Terry earned his BS in Chemistry from the University of Richmond in 1981 and his Ph.D. in Organic Chemistry from Emory University in 1986. Dr. Terry has over 20 years of industrial chemical experience. He has held multiple research positions with Milliken Specialty Chemical and Ciba Vision Corporation. He worked as a Business Development Manager for Clariant Specialty Chemicals for ten years. He is an inventor on 24 US patents related to the contact lens and personal care markets. Dr. Terry joined the University of Florida's Office of Technology Licensing in 2007 where he holds the position of Assistant Director. His portfolio covers technologies that originate from chemistry, materials science, and chemical, mechanical, industrial systems, environmental and electrical engineering as well as design construction and planning. He has successfully negotiated over 440 licenses and has helped to start more than 40 companies.