

SessionTime	Title	Speakers	Location
EventTrack			
Monday / Oct 17, 2016			
8:00am - 9:30am	Welcoming Remarks and Keynote Address - Risk Management - Don't take chances: manage risks	Dave Williams, CEO Southlake Regional Health Centre	
Keynote			SCCN - Ballroom C & D
	<p>Williams believes in a "no error strategy", which involves defining methods that establish zero tolerances for mistakes. Relying on his experience as an emergency room doctor and as an astronaut, he knows the catastrophic consequences that can happen when lives are at stake.</p> <p>With a passion for healthcare and risk management, prior to entering the Canadian Space Agency's program, Dr. Dave Williams worked as an emergency room doctor and later as director of emergency services at Sunnybrook Health Sciences Centre in Toronto. In July 2011 Williams became President and Chief Executive Officer of Southlake Regional Health Centre.</p> <p>In June 2012 Williams was inducted into the Canadian Aviation Hall of Fame. Dave Williams joined an exclusive club when he blasted into space aboard the Space Shuttle Columbia, and again on Shuttle Endeavour where he walked out into the great beyond. Having also lived and worked in the world's only underwater ocean laboratory, he became Canada's first dual astronaut and aquanaut.</p> <p>Williams is one of the NASA space program's most accomplished astronauts, setting records in spacewalking. The veteran of two space shuttle missions has logged more than 687 hours in space, including three spacewalks, the highest number of spacewalks ever performed in a single mission. His work with NASA also continued on the ground when the space agency appointed him as a director of the Space and Life Sciences Directorate, making Williams the first non-American to hold a senior management position.</p>		
10:30am - 11:30am	Planning Electrical Infrastructure in Changing Times	Peter Marschall, SUNY ESF, Syracuse, NY, Jeffrey Robbins, C&S Companies	
Risk Management			SCCN - Meeting Room 204
	<p>Often overlooked is electrical infrastructure to support change on campuses. With facilities being built, renovated, and repurposed, a thorough understanding your electrical infrastructure system is necessary to ensure reliability. This presentation focuses on the electrical infrastructure project at SUNY ESF, Syracuse, NY and other campuses. Success factors will be discussed to aid others in similar projects.</p>		
10:30am - 11:30am	The Power of an Intelligent Building: A Fusion of Building Systems and Technology	James Viviano, The Sextant Group	
Leveraging Technology/Best Practices			SCCN - Room 207 & 208
	<p>Reduce costs and improve productivity on your campus. Join other Facility Managers, Architects and Owners to explore the basic concepts of what makes an Intelligent Building so Smart, discuss the notion of Unified Communications between building systems, and how to evaluate the ROI benefits of a Smart facility.</p>		

Educational Sessions



SessionTime	Title	Speakers	Location
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Monday / Oct 17, 2016			
10:30am - 11:30am	Storytelling: The key to being an influencer!	Norman Young, University of Hartford Bill Johnson, Terracon Yanel de Angel, Perkins+Will	SCCN - Meeting Room 205
Human Resources/Leadership	<p>Storytelling is intuitive to many but how could you become great at it to make compelling arguments, resonate and be a memorable influencer? This highly interactive session focuses on storytelling techniques to elevate the impact of your delivery. We will cover tangible ideas so you can implement right away!</p>		
10:30am - 11:30am	Triple bottom line achievements through energy savings and energy performance contracts	Gary Nower, Wilfrid Laurier University, Edward Ng, Ernst & Young, and Carl McKay, Wilms & Shier	SCCN - Meeting Room 203
Sustainability/Utility Reduction	<p>The impacts of deferred maintenance, the importance of sustainability and regulatory requirements prompted Laurier to complete an RFQ/RFP process to engage an energy services company to design and implement a multi-campus energy management program with the goal of conserving energy, reducing emissions, saving money and establishing a micro grid. This approach is a new and unconventional approach to procuring energy management services which can enhance triple bottom line results and drive additional value.</p>		
10:30am - 11:30am	Building a PV Array Out of Carbon and Dollar Savings : A Case Study in Solar Constructability and Financial Feasibility.	Richard Stomber, William Paterson University, Shannon Kaplan, AKF Engineers	SCCN - Meeting Room 206
Reducing Cost/Increasing Productivity	<p>Energy and Carbon reduction are hot topics, especially at schools that have signed the ACUPCC, but rarely are funds available to pursue. This case study presentation is for any facility owner or manager who has wondered about carbon reduction and the use of photovoltaic arrays including what the benefits really are and the answer to the question - to own or lease.</p>		
1:00pm - 2:00pm	Digitizing the World in which We Work	Ralph Kreider, MBP	SCCN - Meeting Room 206
Reducing Cost/Increasing Productivity	<p>The world is quickly changing around us. Technological change is happening faster and faster. We must think about how we can leverage technologies, such as digitizing paper building plans, laser scanning existing facilities, cloud computing and building information modeling to better enhance our work environment. This session will guide you through evaluating and implementing new technologies with examples of how other organizations are leveraging technologies.</p>		

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1:00pm - 2:00pm	BIM @ York, A New Paradigm for Campuses	Patrick Saavedra, York University	
	Leveraging Technology/Best Practices		SCCN - Room 207 & 208
	This presentation will demonstrate how and why York University chose to implement Building Information Modelling (BIM). Through some project examples, owners will better understand why they should consider implementing BIM for their institutions and what they should consider as their first steps to begin the BIM journey.		
1:00pm - 2:00pm	When You Come to a Fork in the Road Take It! How Rutgers is Navigating Major Changes in Facilities	Dianne Gravatt, Rutgers University Carol Trexler, Rutgers University Lindsay Demczko, Sightlines	
	Human Resources/Leadership		SCCN - Meeting Room 205
	This presentation will focus on managing change and ensuring uniformity across an organization by using data-driven comparative metrics. Rutgers University will discuss their process for establishing best practice policies during the largest merger in Higher Education's history, in a presentation appropriate for facilities, finance and human resource personnel of all levels.		
1:00pm - 2:00pm	Campus Renewal	Daniel Topping, NK Architects, Richard Stromber, William Paterson University, Andrew Lewis, NK Architects	
	Risk Management		SCCN - Meeting Room 204
	An investigation of high impact approaches to renewal of mid century campuses, the presentation will focus on integrated project planning and best practices surrounding stakeholder engagement, program development and construction sequencing. Recent major renovation and new construction projects at William Paterson University will be featured both as examples and of lessons learned.		
1:00pm - 2:00pm	Western's Energy Dashboard	Mary Quintana, Western University	
	Sustainability/Utility Reduction		SCCN - Meeting Room 203
	In 2012, Western University developed in-house a one-of-a-kind energy dashboard. It provides real-time and historical information on utilities consumed within Western's buildings. It is used in demand management initiatives, project and campus planning, competitions between residences, research and education. The presentation will cover materials for beginners and experts alike.		

Educational Sessions



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3:00pm - 4:00pm	Sustainable city-building strategies for university campuses: learning from UOttawa and Princeton	Eric Turcotte/Warren Price, Urban Strategies and Luc Génèreux, University of Ottawa	SCCN - Meeting Room 203
Sustainability/Utility Reduction	This learning session will provide an overview of the approach and innovations that helped shape the University of Ottawa and Princeton University master plans. The presentation will present their approach, collaborative process, and solutions, within and outside the university campus, to accommodate sustainable growth and change.		
3:00pm - 4:00pm	Making Your Campus More Resilient to Extreme Weather Events A System-Wide Approach at the Connecticut State Colleges and Universities	Christopher Dupuis, Connecticut State College, Mary House, Woodward and Curran, MaryKristin Ivanovich, Woodward and Curran	SCCN - Meeting Room 204
Risk Management	Connecticut State Colleges & Universities is completing a Multi-Campus Hazard Mitigation Plan that identifies vulnerabilities to natural hazards and mitigation strategies. This session will share how campuses can include similar planning in their risk management and business continuity programs and position for funding to implement mitigation projects.		
3:00pm - 4:00pm	Navigating the Waters of Change on a Campus-Wide Scale	Jean Robinson, University of Massachusetts LowellDavid L. Damon, Perkins+Will	SCCN - Meeting Room 205
Human Resources/Leadership	This presentation will share the macro view of strategic phased relocations across campus and the micro view of improving efficiency and program success in less space in a new 229,000 GSF building. The presentation will share the decision-making process for re-engineering student support services, integration of cross-departmental functions through spatial adjacencies, development of guidelines for shared services, and tools for occupancy/transition planning.		
3:00pm - 4:00pm	Stories of Space Management	Amber Luther, Stantec	SCCN - Meeting Room 206
Reducing Cost/Increasing Productivity	Financial deficits and heavy competition for student enrollments is forcing higher education to assess effectiveness of space use. Operating and maintaining space will begin to represent a larger portion of annual budgets. Many are also hiding huge deferred maintenance backlogs as a result of budget cuts. This talk's focus includes: department ownership of space, data governance, cultural changes, common software and tools as well as incentivization strategies.		

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3:00pm - 4:00pm	The Smithsonian Institution's Campaign to Adopt a Facility-wide Reliability-centered Maintenance Philosophy	Kendra Gastright, Smithsonian Institution	
Leveraging Technology/Best Practices			SCCN - Room 207 & 208
	<p>After decades of understating facility requirements, the Smithsonian Institution (SI) began seeking increased federal funding to restore its infrastructure. A major tenet of this effort included establishing reliability-centered maintenance (RCM) strategies at SI. This presentation is for facility maintenance decision makers and has beginner-level technical complexity. It details SI's strategy for asset management, the technologies we use, how we collect and analyze data, how we use information in real time and strategically, and the benefits and drawbacks to SI's RCM approach.</p>		
Tuesday / Oct 18, 2016			
8:00am - 9:30am	Remarks and Plenary Address - From Chasing Sticky Ideas to Chasing Storms - Building Your Legacy	Greg Johnson	
Keynote			SCCN - Ballroom C & D
	<p>In this captivating presentation, Greg talks about the intangible things, the legacy, that we pass on to those around us. He talks about how life is full of goals and dreams, but it's those sticky ideas - the ones that keep haunting us - that can lead us to achieving the greater things in life. Pulling from his personal experiences and his collection of awe inspiring imagery he has collected as one of the world's leading storm chasers, Greg demonstrates how life's challenges can lead us to amazing opportunity and to great achievement. He encourages us to grasp onto our sticky ideas, take pride in our passions and build the best life and legacy we can using the time we are given.</p>		
10:15am - 11:15am	Navigating Complexity in Changing Times	Wilfred Ferwerda, University of Guelph	
Human Resources/Leadership			SCCN - Meeting Room 205
	<p>Learn how to use complexity to enhance your teams! This session presents three leadership functions and four internal control parameters that we can use to capture the untapped emergent capabilities of complex adaptive systems in dynamic organizations.</p>		
10:15am - 11:15am	Integrated College Development Planning: Agile Planning in Times of Accelerating Change	Phil Rouble, Algonquin College	
Reducing Cost/Increasing Productivity			SCCN - Meeting Room 206
	<p>Higher education is in transformation! What will our College look like in 30 years? Algonquin College is trying to answer this question using Integrated College Development Planning (ICDP). This dynamic framework approach to master planning supports agile, evidence-based and principled decision-making to respond to accelerating change and the disruptions confronting higher education. This presentation looks at Algonquin's ICDP process and lessons learned to-date.</p>		

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10:15am - 11:15am	APPA's Energy and Sustainability Assessment Tool in Action	Darryl Boyce, Carleton University	
Leveraging Technology/Best Practices			SCCN - Room 207 & 208
	<p>APPA's Energy and Sustainability Assessment Tool (ESAT) provides an opportunity for higher education institutions to benchmark, in a comprehensive way, sustainable operation and management practices as well as conduct an energy and environmental performance evaluation of the individual buildings on a campus. ESAT, offers a proven approach to assess and benchmark critical areas related to the construction, operation, and maintenance of institutional facilities. Carleton University has worked with Jones Lang LaSalle to develop ESAT and has used it to prepare a Sustainable campus plan that will reduce energy use and environmental footprint through a series of cost-effective initiatives.</p>		
10:15am - 11:15am	Future-proofing Your Campus: 4 Trends and Lessons Learned	Antonio Gomez-Palacio, DIALOG Architects, Craig Applegath, DIALOG Architects, Daniel Atlin, DIALOG Architects	
Risk Management			SCCN - Meeting Room 204
	<p>Post-secondary institutions are under increasing pressure to adapt to, among others, the evolving nature of pedagogy, sources of funding, climate change, and demographics. Drawing from Ontario and national examples, an administrator, an architect and a campus planner will seek to understand the issues and point towards trends and best practices.</p>		
10:15am - 11:15am	Reinventing the Student Experience at Cabrini University	Richard King, Wallace Roberts & Todd, Maarten Pesch, Wallace Roberts & Todd, and Elizabeth Nestor, Cabrini University	
Sustainability/Utility Reduction			SCCN - Meeting Room 203
	<p>This conversation will center on growth strategies that improve sustainability and foster a student-centered campus. Challenging alternatives related to open space, social networks, natural systems, building structures and circulation will be discussed. Building-scaled strategies related to sustainability, health and wellness at the University's newly completed fitness pavilion will also be presented.</p>		
11:15am - 12:15pm	Embracing the distribution of student life	Ray Maggi, Stantec Architecture Kathy DiJoseph, West Chester University	
Leveraging Technology/Best Practices			SCCN - Room 207 & 208
	<p>Campuses are embracing the notion that satellite student life facilities and retail food venues can transform a campus district into a vibrant neighborhood of student activity. This presentation will explore through case study example, for the beginner or expert, how to infuse student dedicated spaces into your project and campus.</p>		

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11:15am - 12:15pm	Eco-Prosperity or Campus Sustainability for Fun and Profit	Pierre de Gagné, University of Ottawa	
Sustainability/Utility Reduction			SCCN - Meeting Room 203
	<p>The Eco-Prosperity program has over the last 10 years generated over \$23M of avoided costs. \$12M has been invested since 2006 and results are breathtaking. Case studies affecting major academic, laboratory facilities and Central Plant heating and cooling systems will be explored, highlighting challenges, costs and dramatic benefits in both productivity and infrastructure capacity. The realized potential for reducing GHG on a campus will be demonstrated – UOttawa Central Plant fuel consumption is 50% of what it was in 2005!</p>		
11:15am - 12:15pm	Introduction to Radon	Scott Cryer, Pinchin Ltd	
Risk Management			SCCN - Meeting Room 204
	<p>Radon is a naturally occurring radioactive gas which is the second leading cause of lung cancer behind smoking. This presentation will provide an overview of what radon is, how it affects our health, guidance/legislation, how to test for radon and how to mitigate buildings when levels are too high.</p>		
11:15am - 12:15pm	Strategic Facilities Training - Aligning Education with Changing Organizational Goals	James Myers, Penn State Facilities Engineering Institute John Hajduk, Penn State Facilities Engineering Institute	
Human Resources/Leadership			SCCN - Meeting Room 205
	<p>Changing demands mean that property managers must reduce costs, improve energy efficiency, adopt best practices, and improve sustainability. Adopting tailored training can dramatically improve critical technical skills, reinforce organizational goals, and change organizational culture. Through a case study, learn how training for facilities professionals can be aligned to business and organizational goals.</p>		
11:15am - 12:15pm	Maximizing Caretaking Operations in an Era of Cutbacks	Mark Simpson, University of Toronto	
Reducing Cost/Increasing Productivity			SCCN - Meeting Room 206
	<p>Over the past 20 years, most universities have seen a dramatic increase in student population, building space and staffing numbers. Caretaking budgets have not kept pace with this growing demand. Wages and benefits account for over 85% of the cost of caretaking. Meeting this growing demand is through improved labour productivity using: biometric timekeeping, work-loading, quality assurance inspections, training, terrazzo floor densification and contracted services.</p>		

Educational Sessions



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2:15pm - 3:15pm	Micro-grids & Leveraging Campus Utility Infrastructure	Ben Toby, FuelCell Energy, Inc.	
Leveraging Technology/Best Practices			SCCN - Room 207 & 208
	<p>Fuel cell power plants provide the ideal generation backbone for modern microgrids: clean, quiet, reliable and cost effective. In this presentation FuelCell Energy will use data from real world case studies to illustrate how fuel cell micro-grids can keep campuses up and running while reducing cost and advancing sustainability goals.</p>		
2:15pm - 3:15pm	Adaptive Comfort: the critical role of the occupant in next generation green buildings.	Mike Williams, RWDI	
Reducing Cost/Increasing Productivity			SCCN - Meeting Room 206
	<p>Programs such as LEED, TGS and the Living Building Challenge focus on encouraging buildings to reduce resource consumption. Low-energy strategies cannot be at the sacrifice of occupant comfort. This presentation will provide an overview of ASHRAE-55 and the Predicted Mean Vote (PMV) and introduce the ASHRAE Adaptive model, with occupants' active participation. The presentation will show a combination of occupant participation and harnessing climatic opportunities.</p>		
2:15pm - 3:15pm	Understanding Emotional Intelligence: The Hard Reality of The Not So Soft Skills	Linda Watt, Director, Learning & Development and Consulting Services	
Human Resources/Leadership			SCCN - Meeting Room 205
	<p>Emotional Intelligence still gets dismissed by many leaders in the workplace as that "touch feely" stuff. Intelligence and technical competence have traditionally been considered the main drivers of success on the job. Not so! Neuroscience is providing more and more research that suggests quite the opposite: that high emotional intelligence (EI) is a stronger predictor of success. No more to be ignored, EI deserves to be understood and the skills of EI demonstrated by leaders and developed in employees to support good work performance.</p> <p>Linda has developed both breadth and depth of leadership experience over 20 years of practice in organizational, team and individual learning and development spanning across the private and public sectors. Linda has her Masters in Human Systems Intervention. Linda has successfully completed an EQ in Action certification, holds an advanced certificate in Alternative Dispute Resolution and conflict management from Conrad Grebel School of Peace and Conflict Studies at Waterloo University. She has a certificate in Adult Education, a coaching certification and is a certified Facilitation Master. Linda has published articles on the topic of effective leadership development.</p> <p>Of particular interest to wine lovers, Linda is a certified Sommelier, which is a wine expert for those who may not know, and she is also a Wedding Officiant.</p> <p>Contact Linda to learn more about the consulting services offered through Learning & Development, including strategic planning, teams and workgroups, conflict management and learning and performance.</p>		

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2:15pm - 3:15pm	The Green Gryphon Initiative - An Innovative Student Engaged Sustainability and Utilities Reduction Program At The University of Guelph	Paul Mesman, University of Guelph and Simon van Wonderen, MCW Custom Energy Solutions Inc.	SCCN - Meeting Room 203
Sustainability/Utility Reduction	<p>The Green Gryphon Initiative is a unique University of Guelph community partnership dedicated to sustainability and energy improvements. The initiative includes many innovative and challenging measures including a six million gallon thermal energy storage system. This presentation will take you through the engagement process, energy project model and thermal energy storage system.</p>		
2:15pm - 3:15pm	Mitigating Risk: The Deep Dive of Exploratory, Enabling and Preconstruction Planning for Higher Educational Projects	Kevin Sullivan, Randy Catlin, Shawmut Design and Construction	SCCN - Meeting Room 204
Risk Management	<p>A well-orchestrated preconstruction planning process lays the foundation for a smooth, well-executed construction phase and successful project turnover. In this session, speakers will present case studies of several recent higher education and other academic projects to demonstrate how highly effective preconstruction services have led to successful results under challenging conditions and demanding schedules and budgets. Featured projects will include work at such institutions as Harvard University, Wellesley College, Boston College, Massachusetts Institute of Technology and Northeastern University.</p>		
3:30pm - 4:30pm	The Pan AM Competition Facility: Delivering Extra Value to the University Through Partnerships With Outside Organizations: A Case Study	David Clusiau, NORR Limited Architects and Engineers Andrew Arifuzzaman, Univeristy of Toronto Scarborough Campus	SCCN - Room 207 & 208
Leveraging Technology/Best Practices	<p>This presentation will describe the process of achieving one of the most accessible sporting facilities in the country. It will discuss in detail the challenges and benefits of the installed ground source heat pumps and photo-voltaic panels for on-site energy generation and the long-term operational savings. As well, a fulsome discussion regarding the design aspects that resulted in the creation of this state of the art sports facility and the challenges and benefits of partnering with others to produce a legacy facility for the University and the Community of Scarborough.</p>		

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3:30pm - 4:30pm	Ontario's New Climate Change Legislation - A Compliance Strategy	Tony Cupido, Mohawk College, Mark Wilhelm, Ameresco Inc.	
Sustainability/Utility Reduction			SCCN - Meeting Room 203
<p>Climate Change is a timely global issue that is affecting us all. The province of Ontario has released its Climate Change strategy and has established aggressive reduction targets. Learn how your institution can comply with the GHE reduction targets and what strategies may work best. A case study from Arizona State University will be presented as well as lessons learned from California. A blueprint will be provided that demonstrates how strategic partnering can bring capital, capacity and capability to tackle GHG's.</p>			
3:30pm - 4:30pm	APPA's Thought Leader Series	Keith A. Woodward, Quinnipiac University; Daniel R. Gearan, New England College	
Risk Management			SCCN - Meeting Room 204
<p>APPA's Thought Leader Series is coming to the Region. The landscape of higher education is changing at a pace that makes it challenging to keep up with the potential impacts on the facilities management world. The Thought Leaders Series from APPA can help prepare the facilities manager for the new challenges. This session will explore the recent driving forces impacting higher education and the resulting changes that will modify the way we do business. Recent monograph topics will be explored and issues identified that will be critical to the facility manager. Methods that the facility manager can use to gain a seat at the decision-making table will utilize strategies and provocative questions to promote the discussions on campus. Do not miss this opportunity to use APPA's premier program to help prepare your campus for the issues of the future.</p>			
3:30pm - 4:30pm	Using Lean as part of Process for Multi-faceted Organizational Change	Maria Cimilluca, Johns Hopkins University Applied Physics Laboratory Melissa McEwen, Haley & Aldrich	
Human Resources/Leadership			SCCN - Meeting Room 205
<p>The Johns Hopkins Applied Physics Laboratory embarked on a journey of organizational realignment and process improvement to introduce needed change and lead the Facilities Department into the future. Customers and staff no longer believed change was possible, but APL has leveraged lean to empower their people to improve and change.</p>			
3:30pm - 4:30pm	Smart Irrigation	Stan Szwagiel, University of Toronto	
Reducing Cost/Increasing Productivity			SCCN - Meeting Room 206
<p>The Smart Irrigation Program consists of a number of initiatives designed to reduce water consumption in the irrigation systems on the St. George Campus while maintaining campus beauty. With centralized irrigation control, 90+ systems are adjusted automatically for weather, soil type and plant species, saving over 50%. Installation of rain harvesters, permeable paving, French Drains, and perennials has improved ground water retention.</p>			