

I²SL New England

Educational Event

Can Energy, Sustainability, and Business Strategy Coexist?

Please join I²SL New England for an evening of networking and education as we kick off the fall season with a program hosted by **Novartis Institutes for BioMedical Research**. The evening will commence with networking followed by a panel discussion with an expert panel representing industry, Development, Utility, Engineering, Software Analytics and Operational Excellence disciplines. Our panelists are experienced practitioners that represent many different perspectives but are ultimately focused on providing efficient, sustainable solutions to their internal or external clients.

Event Details

Date & Time: September 10, 2015 | 5:30pm - 8:15pm

Location:  **NOVARTIS** NIBR, 250 Massachusetts Avenue, Cambridge, MA

Agenda: 5:30-6:30 Networking | 6:30-8 Panel Discussion | 8-8:15 Closing Comments/Announcements

Meeting Managers: Pamela Greenley, MIT and James Grunwald, CAI

Q&A Panel Discussion Moderated by: John Swift, BuroHappold Engineering

RSVP ASAP | Your questions are welcomed in this town hall formatted event.

Invitation may be forwarded to others who are interested in attending.
Attendance is free to all! Drinks and light refreshments will be provided.

► Join us and hear about how the balancing act of technology, cost and user requirements play off of one another.

We will touch on several focus areas while we engage the audience in a spirited discussion among professionals across multiple disciplines: **Designer** (BR+A), **Utility** (Eversource), **Owner** (Novartis), **Cx/M&R** (CAI), **Software/Analytics** (FacilityConneX), and **Developer** (ARE & BMR), aligned in their goals of searching for sustainable solutions in our burgeoning market space.

Welcoming our panelists & moderator:



Roshan Bhakta
Eversource



Jonathan Chan
BR+A



Marc Hodgson
Facility Connex



Daniel Ramsey
Novartis



Timothy Stoll
BioMed Realty Trust



John Swift
BuroHappold
Engineering



Richard Tree
CAI



Timothy White
Alexandria Real
Estate Equities



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About the Panelists & Moderator

Roshan Bhakta is a Program Manager at Eversource. His focus is on new construction energy efficiency for biotech, pharmaceutical, healthcare, and higher education customers. Prior to joining Eversource he provided energy efficiency services to the US Army Medical Command's hospital and laboratory facilities. He is a graduate of Boston University in mechanical engineering and a Certified Energy Manager.

Jonathan (Jon) Chan, PE, LEED AP BD+C, Associate Principal of BR+A, has over 10 years of experience in the field of HVAC Engineering for many types of building projects including facilities for corporate, academic, and healthcare clients nationwide. He is a Registered Professional Mechanical Engineer in the state of Massachusetts as well as a LEED Accredited Professional. He holds a Bachelor of Science in Mechanical Engineering from Penn State University, is an active member of the American Society of Heating, Refrigerating and Air-Conditioning Engineers, and the International Society for Pharmaceutical Engineering.

Marc Hodgson, Director, FacilityConneX has two decades of customer management and executive leadership experience, in the technology and financial services sectors. He leads the FacilityConneX sales and marketing teams and is responsible for ensuring the success of all customer engagements on the FacilityConneX platform. Marc is a speaker and contributor in the field of Innovation & Technology via the Industrial Internet and has recently presented at industry events and workshops such as; GE's annual user conference, CB Pacific's Automation Technology Summit, AEE's Globalcon 2015, and AutomaTech's User Summit. Prior to FacilityConneX, he was part of the executive team at Boston-based technology companies, Proxy Networks and LeadSpark. Marc also has held several regional sales roles at CapitalOne Financial, and holds a B.S. from the University of Massachusetts, Isenberg School of Management.

Daniel Ramsey is the Associate Director of Maintenance and Engineering for Novartis Institutes of BioMedical Research in Cambridge, MA. Dan is responsible for maintenance and continuous improvement projects on the NIBR Campus in Cambridge and is a contributor to other campuses across North America with cGMP Operational Environments. Prior to joining NIBR, Mr. Ramsey was Global Director of Facilities and Process Industries with Commissioning Agents, Inc. dedicated to a client base focus on operational excellence, sustainability and quality compliance working with clients including, Biogen, Genzyme, Teleflex, Microsoft, Novartis, Alexion, and many others. Dan has special expertise in the areas of Commissioning and Validation, Energy Efficiency and Project Management. Dan holds an undergraduate degree, BS Engineering and a Masters, Facility Management, from Massachusetts Maritime Academy.

Tim Stoll is the Senior Director with BioMed Realty Trust, a real estate investment trust (REIT) that owns and operates approximately 13.1 million square feet of laboratory and office space within seven core U.S. life science markets, including Boston, San Diego, San Francisco, Seattle, Maryland, Pennsylvania and New York/New Jersey. Tim is based in BioMed's Cambridge office and is charged with the company's east coast leasing and development activity. In this role he has overseen a range of projects including a 360,000 SF core and shell lab project, turnkey interior fit out projects for BioMed's clients, large scale entitlement projects and the redevelopment of second generation lab space into integrated multi-tenant campuses. Prior to joining BioMed, Tim worked with the construction manager on the Boston Convention & Exhibit Center project before serving as a project manager for Jones Lang LaSalle. Mr. Stoll received a BA in Architecture from Washington University in St. Louis before obtaining an MS in Construction Management from Colorado State University and an MS in Finance from Boston College. Tim currently lives with his wife and dogs in Hingham, MA.

John Swift has over 25 years of experience in high performance building systems engineering design. A member of the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), the Association of Energy Engineers (AEE), and the U.S. Green Building Council, he has extensive experience in the design and construction of numerous research and teaching laboratory facilities that require effective infrastructure, reliable support of research and the optimization of occupant health, safety and comfort- while minimizing energy and water usage. Mr. Swift's laboratory design experience has been recognized by the National Institutes of Health (NIH), for whom he is an experienced ARRA Grant Peer Reviewer. He is an original participant in the development of the EPA's Laboratories for the 21st Century Environmental Performance Criteria (EPC). John is the past chair of ASHRAE Technical Committee TC 2.8 Building Environmental Impacts and Sustainability, and is a Senior Editor of the ASHRAE Green Guide. Swift is also past chair of the committee for the proposed ASHRAE Standard for Water Efficiency (SPC 191). John is a Principal with BuroHappold Engineering and is the director of the Boston Office.

Richard Tree is a senior consultant with 33 years of experience in maintenance, reliability, commissioning, and operations excellence. His leadership has consistently strengthened the customer's bottom line by improving efficiency and eliminating waste. He leads a team that develops unified strategies to help clients improve Overall Equipment Effectiveness (OEE) through enhanced asset management practices which include a focus on sustainability practices. He is personally credited with the lean transformation of 9 manufacturing sites and implementing asset management strategies at 15 manufacturing sites. He is a Data Center Energy Practitioner and is involved in driving sustainability practices in addition to reliability in the data center environment. For the US Navy, he led operations, training, staff performance, power generation, propulsion, cooling systems, maintenance and quality on four nuclear-powered submarines. He was selected by the Director of Naval Sea Systems Command, Reactors to lead the initial manning, testing and certification of a first-in-class nuclear submarine with a never-before operated and tested nuclear reactor. His leadership and success led to numerous commendations including the Meritorious Service Medal, two Navy Commendation Medals and five Navy/Marine Corps Achievement Medals. He held many operation leadership roles in manufacturing companies prior to joining CAI.

Richard is currently working toward a PhD in Operations Management at the University of Texas Arlington. He holds an MBA from Southern Methodist University and a Bachelor of Science degree in Business with a concentration in Information Technology from Columbia College. He has also completed graduate studies toward a Master of Science degree in Computer Science from Rensselaer Polytechnic Institute in Hartford, Connecticut. Richard is Lean Six Sigma Certified and has a certification in Leadership & Development. He is a graduate of the prestigious US Navy Nuclear Power School, the S9G Reactor Design School and the US Navy Senior Enlisted Academy.

Timothy M. White, PE, is Senior Vice President of Asset Services for Alexandria Real Estate Equities, Inc. In this role, Mr. White is responsible for leasing, construction, and operations of a portfolio of 27 buildings totaling over 2.7 million square feet in Alexandria's Greater Boston region, including the Company's flagship campus, Alexandria Technology Square. During his 13 years with Alexandria, Mr. White has been involved in operations, construction, and leasing, including the oversight of 10 building conversions, from office to laboratory, totaling over 650,000 rentable square feet. He has also coordinated over 1.5 million square feet of tenant laboratory renovations. Utilizing his expertise in mechanical systems design and laboratory building operations as well as his key client relationships, Mr. White supports a number of Alexandria's most important science and technology campuses. Prior to joining Alexandria, Mr. White spent 18 years with Arthur D. Little managing their laboratory complex and support operations as well as providing client consulting services in laboratory design, operations, and indoor air quality. He received his Bachelor of Science in management engineering from Rensselaer Polytechnic Institute and is a licensed HVAC/Mechanical Engineer in Massachusetts.