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Speaker Spotlight - this week we spotlight Michael Schley and Peter Lufkin

BIM and FM Bridging the Divide

Cleaning Companies, Materials & Equipment Manufacturers/Suppliers, Specialist Vendors.



Michael Schley, CEO and Founder of FM:Systems, IFMA Fellow

Building information management (BIM) systems are gradually being integrated into the design and construction of buildings. Their advantage is their ability to construct a virtual model of the building in sufficient detail to manage all the points of construction details and coordination prior to commencing the physical work on site. This can lead to substantial cost and time savings during the construction process. However these savings must be offset to some extent by the additional cost, time and effort to construct the model in the first place – although familiarity with

the media over time will reduce this cost premium and tend make the systems ubiquitous, in the same way that CAD has won the battle over manual drawing.

The second aspect of BIM is the ability to transfer data in electronic format from the design phase to the construction phase and, in doing so, reduce the effort required to take an architect's design and translate it to the data required to actually construct the building. This interoperability of data from one phase to the next has the capability to provide further significant cost savings.

Michael Schley is the founder of FM:Systems, a vendor of an integrated workplace management system that has recently added integration with Revit, the AutoDesk BIM solution. His session will look at taking BIM interoperability one stage further by making the construction data available to the facility management team from handover for the remaining lifecycle of the building.

During his talk he will look at the technology behind BIM, the drivers that are making it a successful technology for design and construction, and how these and other drivers will benefit facility managers. Areas where benefits can accrue are space management, energy efficiency, preventive maintenance, retrofits and renovations and lifecycle management.

He will also look at the planning strategies required, legal and contracting issues, some caveats to consider and the next steps this new functionality will require.

Michael founded FM:Systems in 1984, and is responsible for overseeing company operations and guiding the company's product direction. He is recognized globally for his expertise in FM technology and has spoken at numerous FM events including EuroFM, World Workplace, and FM conferences in Australia, Shanghai, and Hong Kong.

He currently chairs the FM Advisory Council for the Cornell University FM degree program and serves on the IFMA Foundation Board of Trustees. He has a Master of Architecture degree from the School of Design at North Carolina State University and a Bachelor of Arts degree from Case Western Reserve University.



Facility Cost Modelling

Peter S. Lufkin, Principal and Senior Analyst, Whitestone Research Corp

Peter Lufkin is the principal and senior analyst at Whitestone Research in Santa Barbara, California, who specialise in applied policy research and software development. Their products include a series of cost reference manuals that are updated yearly, and a software tool for operations & maintenance (O&M) cost forecasting, benchmarking, budgeting, and facility condition assessment – MARS Facility Cost Forecast System.

Peter's talk at the session will concentrate on the demand for objective FM estimates and the evolution of the cost model on which the reference guides and software is based. This includes discussion of the use of parametric models developed by Peter Lufkin and Jay Janke covering sustainment costs, recapitalization costs and operations costs set against explicit definitions of requirements. Applying these models to the facility inventory provides a full view of the annual costs for specific facility types or and aggregation of and organization wide requirement.

Peter will also discuss how the use of the cost models has been extended to facility condition assessments and to the evaluation of energy investments, and how he sees the next challenge as the extension of the system to the global workplace.

Other Speakers

AU Choi Kai, JP Director of Buildings Department

Francis Kuhn IFMA Chairman

James Stephenson Divisional Head CRE Macdonald & Company

Mark Clift Chief Operating Officer, Cyberport Hong Kong

Steve Read Managing Director Adair International

Victoria Evans Divisional Head FM Macdonald & Company Christopher Hodges Principal Facility Engineering Associates

George Denise Global Account Manager Cushman & Wakefield

Jon Seller General Manager OPTEGY LIMITED

Nelson Ho Senior Manager FM Hong Kong Science and Technology Parks Corporation

Steven Sonsino Founder and CEO Tomorrow Leaders Institute

Yetunde Ogungbemi Garnet Core International Ltd. David B. Bartlett Vice President of Industry Solutions IBM Corporation

Graham Tier Executive Manager Property Facilities Management The Hong Kong Jockey Club

Jordi Martin Managing Director IFM Asia Pacific Jones Lang LaSalle

Nigel Owens Head of Corporate Real Estate Services Hong Kong & North Asia for Deutsche Bank

Tondy Lubis Director Facilities Management Colliers International Elsie Hui HR Director North Asia Jones Lang LaSalle

James M. Donovan CEO FirstCarbon Solutions

Marcus Bowen Director CASP-R Limited

Oliver J Jones Partner EC Harris LLP

Tony Keane President and CEO International Facility Management Association

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