



Mark Buchalter

Mark leads the Smart Space practice in IDEO's Chicago office, a group dedicated to the creation of strategic visions around space and the design of all aspects of an environment: from the architectural domain to its related objects, services, interactions and technology. He has worked with healthcare clients and has also worked extensively envisioning new customer experiences since joining IDEO in 1998. With a background in both architecture and industrial design, he has helped develop products in the furniture, consumer housewares, computer, industrial equipment, automotive, and retail industries. His longstanding desire is to explore the ways in which people relate to the objects in their lives and how environments inform the use of those objects. Mark was a facilitator for the community team at Archeworks, working on the Chicago 2016 Olympics bid.

Daniel Palmer

Dan Palmer, Senior Director of Editorial Operations for McGraw-Hill Construction, is a 22 year veteran of McGraw-Hill. He began his career as a reporter and has held various management positions throughout his career. Headquartered in Pittsburgh, Dan is currently responsible for the newsgathering operation in the Midwest and Eastern portions of the country as well as the national permit gathering operation, U.S. Census relationship, and the Canadian news operational relationship. Dan has a degree in journalism/communications and a Master's in Organizational Management.





William Reed, AIA

An internationally recognized proponent and practitioner in sustainability and regeneration, Bill is a principal in both the Integrative Design Collaborative in Massachusetts and Regenesi, Inc. in Santa Fe, New Mexico, consulting organizations working to lift green building and community planning into designs that are fully integrated and evolving with living systems. His work centers on creating the framework for and managing the integrative, whole-systems design process. The objective: to improve the overall quality of the physical, social and spiritual life of our living places and therefore the planet. He is a founding board member of the US Green Building Council, has served on the national executive committee of the AIA Committee on the Environment, and chairs the ANSI Committee on Whole System Integration (Integrative Design and Construction Process). He has taught and lectured throughout North America.

Martin Felsen, AIA and Sarah Dunn

UrbanLab was founded in Chicago in 2000 by Martin and Sarah as a collaborative office practicing architecture and urbanism. UrbanLab has been the recipient of numerous honors and has developed a reputation for its innovative solutions to, and long-range strategies for, the problems of both public and private communities. With each project, UrbanLab creates an integrated cross-disciplinary design team, collaborating with designers, engineers, artists, fabricators and builders to maximize design intelligence. Martin is an Associate Studio Professor at IIT, and Sarah is an Assistant Professor at UIC. In addition, they will be the next directors of Archeworks, Chicago's alternative design school where students create design solutions for social, cultural and environmental concerns.

AIA Chicago THANKS the following businesses for making possible this year's conference.

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FRIEZE	  	
COLUMN	McGraw-Hill/Dodge Construction Petersen Aluminum Corporation	Thornton Tomasetti WMA Consulting Engineers
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GENERAL INFORMATION

Renaissance Chicago Hotel

The Renaissance Chicago Hotel is located at the corner of State Street and Wacker Drive overlooking the Chicago River. This award-winning 27-story hotel of 553 rooms and suites features the Great Street Restaurant and Bar, and the Lobby Court with cocktails, piano and jazz. Full guest services and amenities are provided along with complimentary indoor swimming pool and 24-hour access to the health club. Both wired and wireless high-speed Internet access are available at \$14.95 per day.

The hotel address is One West Wacker Drive, Chicago, IL 60601. Phone: 312/372-7200 and Guest Fax: 312/372-0093. The hotel's Web site: www.renaissancechicagodowntown.com

Guest Room Reservations

AIA Chicago has reserved a limited number of sleeping rooms. Please call the Renaissance Chicago Hotel at 312/372-7200 or Marriott Reservations at 800/468-3571 to make your room reservation at the special AIA Chicago rate of \$259.00 per night plus 15.4% taxes.

The deadline for room reservation is Wednesday, August 20, 2008. After that date, guest room reservations will be accepted on a space and rate-available basis.

Check-in time at the hotel is 3:00 p.m. and check-out time is 12:00 noon. All room reservations must be guaranteed to a major credit card. Room reservations can be cancelled up until 4:00 p.m. the day of arrival with no penalty. The hotel has a smoke-free policy.

Parking

Valet parking at the hotel is available for \$45 per day.

CTA and Metra

The Renaissance Chicago Hotel is easily accessible by CTA and Metra. For CTA information, visit www.transitchicago.com or call 888-YOURCTA. For Metra information, visit www.metra.com or call 836-7000 from any local area code.

Cancellation Policy

Cancellations must be received no later than 5:00 p.m. Thursday, September 4, in order to receive a full refund. No refunds will be made for cancellations received after that date or for no-shows.

CES Credit

Participants who attend the Thursday sessions will earn up to 7 CES Learning Units (LU) which qualify for Health, Safety and Welfare (HSW) hours. Friday participants will earn 5.5 CES Learning Units, all HSW hours.

Accessibility and Special Meals

Please indicate on the conference registration if you require a special meal (vegetarian, kosher, etc.) or if there is something the AIA Chicago staff can do to make the conference more accessible to you. A staff person will call you for details.

Confirmation

An e-mail confirmation will be sent to you after your registration is received.

Badges

Registration badges will be provided on site and must be worn during the conference.



Conference Planning Committee

Rand Ekman, AIA, chair
Richard Master, AIA
Helen Kessler, FAIA
Steven Kismohr, AIA
Robert Cassidy
Story Bellows, Assoc. AIA
Stephen Zehr, PE
Ted Halfner

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a chapter of the American Institute of Architects

AIAChicago

Professional Development Conference | 2008



COLLABORATION AND INTEGRATION IN OUR WORK

THURSDAY AND FRIDAY,
SEPTEMBER 11 AND 12, 2008
RENAISSANCE CHICAGO HOTEL
ONE WEST WACKER DRIVE
CHICAGO

What Happens When Architects Don't Do Architecture?
Mark Buchalter, IDEO – Smart Space Practice
[Construction Outlook 2009](#)
Daniel Palmer, McGraw-Hill Construction
Changing Our Mental Model, or Can We Put Humpty Dumpty Back Together Again? Developing Whole System Thinking and Integrative Design
William Reed, AIA, Integrative Design Collaborative
[Performance Landscapes](#)
Martin Felsen, AIA and Sara Dunn, UrbanLab
Earn up to 12.5 CES Learning Units
[Register online at www.aiachicago.org](http://www.aiachicago.org)

The AIA Chicago Professional Development Conference will be held on Thursday and Friday, September 11 and 12, at the Renaissance Chicago Hotel, One West Wacker Drive, in Chicago. With a theme of "collaboration and integration in our work," the conference will feature four breakfast and lunch general sessions and fifteen break-out sessions in the following tracks: Collaboration, Implementation, and Economics.



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CONFERENCE HIGHLIGHTS:

SPAKERS

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SESSION 2

8:00-8:30 a.m. Registration opens and Continental Breakfast

8:30-10:00 a.m. Opening Plenary: What Happens When Architects Don't Do Architecture? | Mark Buchalter, IDEO – Smart Space Practice (Evanston) | Everyone talks about the need for change, but what are we really doing about it? One of the most effective ways is by embracing collaboration and opening ourselves to new perspectives on design. How can we help teams and clients see things in a new way? Using case studies of what happens when we blur or stretch the boundaries of our disciplines, Mark will suggest how to keep the user at the center of the process. 1LU

10:00-10:30 a.m. Coffee Break

10:30-12:00 p.m. Collaboration | How Can Collaboration Deliver Great Design?

- Gordon Gill, AIA, Adrian Smith + Gordon Gill Architecture [Chicago]
- Francisco González-Pulido, Murphy/Jahn [Chicago]
- Thomas Oslund, FASLA, FAAR, Oslund and Associates (Minneapolis and Chicago)
- Zurich Esposito, AIA Chicago – moderator

Does collaboration enhance the design process and the development of great design? Two architects and a landscape architect will use project case studies to discuss the collaborative process and the value added. 1.5 LU/HSW

Implementation | Managing Sub-Consultants Through AIA C401 (2007)

- Daniel Buelow, HRH A&E (Schaumburg)
- Mark Blankenship, HRH A&E (Schaumburg)
- Amy Yurko, AIA, BrainSpaces (Chicago) – moderator

What are the challenges and pitfalls in working with subs and also taking the lead as the prime? Review vicarious liability and inherent risks with the various disciplines, and the advantages, challenges, and negotiation tactics for the owner to contract directly with certain subs. Learn how the new C401 can establish, manage, and document expectations and enhance collaboration. 1.5 LU/HSW

SES

Economics | Understanding Carbon in the Building Industry

- Karen Butler, AIA, U.S. Environmental Protection Agency (Washington, D.C.)
- Michael Walsh, Chicago Climate Exchange (Chicago)
- Mark Alan Robinson, Hines (Houston)
- Rand Ekman, AIA, OWP/P (Chicago) – moderator

Who would have guessed that our industry would be talking so much about carbon? What will this mean for our industry? How can carbon use be calculated? Is there value in carbon for our owners? The presenters bring complementary perspectives – environment, development value, and carbon market – on how to address carbon within our industry. 1.5 LU/HSW

12:00-1:15 p.m. **Lunch and Keynote: Construction Outlook 2009** | Daniel Palmer, McGraw-Hill Construction (New York)
Each fall, McGraw-Hill Construction publishes its *Construction Outlook* for the following year, a national, regional and local recap of recent, current, and upcoming construction activity. Dan will share this forecast with us. 1 LU

1:30-3:00 p.m.

Collaboration | Generations at Work: Why *They* Won't Just Grow Out of It

- Marsha Littell, HOK (St. Louis)
- Story Bellows, Assoc. AIA, OWP/P – moderator

How do we understand the four generations currently in the workforce? The challenges of an aging, experienced population and new attitudes toward work and learning in our younger generations is an issue that must be addressed by all professionals. Just as technology is changing rapidly and must be managed, sociological and demographic changes must also be managed as they have a profound impact on the present and future of our organizations. Explore what defines the generations, how to work with each of them, and consider strategies for turning this challenge into an opportunity. 1.5 LU

SESS

Implementation | Energy Performance in Older Buildings

- Dan Doyle, PE, Grumman/Butkus Associates (Evanston)
- Nick Malik, PE, Argonne National Labs (DuPage County)
- Mark Nussbaum, PE, Architectural Consulting Engineers (Oak Park)
- Gregg Garmisa, Esq., WMA Consulting Engineers Ltd. – moderator

Leaders in the area of solar and geothermal energy implementation will discuss their experiences and lessons learned regarding the evaluation of system

economics, system design preferences, and how to coordinate with a building's architecture and engineering. 1.5 LU/HSW

Economics | Cost and Value: When Economics Lead Us in the Wrong Direction

- Henry Henderson, Natural Resources Defense Council (Chicago)
- Kathy Tholin, Center for Neighborhood Technology (Chicago)
- Dennis Dreher, Cowhey Gudmundson Leder Ltd. (Chicago) and Chicago Wilderness
- Robert Cassidy, *Building Design + Construction* (Oak Brook) – moderator

This session will look at the question of cost and value in sustainable project development and explore how value is measured. Are there environmental factors that should be considered, yet missing from our economic system? How would consideration of environmental economics provide value? What are these factors and can we better address them in our projects? 1.5 LU/HSW

3:00-3:30 p.m. Afternoon Break

3.30-5:00 p.m.

Collaboration | Conservation Planning: Collaborating with the Land

- James Patchett, ASLA, RLA, Conservation Design Forum (Elmhurst)
- Terry Guen, ASLA, Terry Guen Design Associates Inc. (Chicago)
- Robert Newport, U.S. EPA Region 5 (Chicago)
- Ted Haffner, Terry Guen Design Associates Inc. (Chicago) – moderator

How do landscape architects approach site design in the collaborative design process? Learn about performance landscape topics that pertain to green infrastructure such as green roofs, bioswales, porous pavements, stormwater infiltration as it relates to stormwater management, and post-design monitoring for data and analysis. How does proper site design relate to larger local and regional issues? 1.5 LU/HSW

SESSION 1

Implementation | High Performing Building Envelope Design and Construction

- William Rose, University of Illinois (Urbana-Champaign)
- Rick Ariagno, Home Energy Control Inc. (Joliet)
- Fernando Araujo, AIA, CSI, OWP/P (Chicago)
- Rik Master, AIA, USG (Chicago) – moderator

A discussion on the building science behind high performance building envelopes will show you what to look for when designing, as well as the pitfalls to watch for during construction. The research, design, and construction sides of this subject will be addressed. 1.5 LU/HSW

Economics | Funding Opportunities for Energy Efficiency

- William Haas, Illinois Dept. of Commerce and Economic Opportunity (Chicago)
- George Malek, PE, ComEd (Chicago)
- Robert Romo, Illinois Clean Energy Community Foundation (Chicago)
- Steve Montgomery, AIA, Harley Ellis Devereaux (Chicago) – moderator

Illinois has a new set of programs offering funding opportunities for building energy efficiency. Our state has moved from one of the least-funded state energy efficiency programs to among the top ten states as a percent of utility revenues. The speakers will address the goals and details of this important and groundbreaking program. Learn what this means for your work and your clients. 1.5 LU/HSW

8:00-8:30 a.m. Registration opens and Continental Breakfast

8:30-10:00 a.m.

Opening Plenary: Changing Our Mental Model, or Can We Put Humpty Dumpty Back Together Again? Developing Whole System Thinking and Integrative Design | Bill Reed, AIA, Integrative Design Collaborative (Arlington, MA) | How will we meet the goals of sustainability? Rating systems are entry-level indicators of success, but they don't tell us how to practice cost-effective integrative design, nor the purpose of this deeper level of practice. Maintaining the same thought processes we've used to produce code-compliant buildings will not permit us to reach a sustainable world condition. So how can we reach higher levels of system integration, including the integration of ourselves with living systems? How do we start thinking in "wholes" rather than fragments? And how do we develop these new skills while we are working on our projects? 1.5 LU/HSW

10:00-10:30 a.m. Coffee Break

10:30-12:00 p.m. **Collaboration** | Integration Case Studies: A Team Perspective

- Carol Ross Barney, FAIA, Ross Barney Architects (Chicago)
- Devon Patterson, AIA, Solomon Cordwell Buenz (Chicago)

- William Sturm, AIA, Serena Sturm Architects Ltd. (Northbrook)
- Vuk Vujovic, Assoc. AIA, Legat Architects [Chicago] – moderator

Three of our region's premier architectural firms will discuss the process and value of an integrated project delivery process on their work. Recent project case studies will be used to explore how an integrated project team can find additional value.

1.5 LU/HSW

Implementation | What's So Special About Integrative Design and Construction?

- Bill Reed, AIA, Integrative Design Collaborative (Arlington, MA)
- Pam Tuschner, FAIA, WWOT (Palm Springs, CA)
- Helen Kessler, FAIA, HJKessler Associates Inc. (Chicago) – moderator

Learn about two recently developed approaches to holistic practice, both focused on a collaborative team approach to increase cost effectiveness and sustainability: “Integrated Project Delivery,” developed by the AIA, and “Whole Systems Integrative Process,” an ANSI standard developed by Market Transformation to Sustainability.

1.5 LU/HSW

SES

Economics | Is Sustainability Operationally Effective?

- Chuck Scott, Illinois State University (Normal, IL)
- Myron Maurer, Merchandise Mart Properties, Inc. (Chicago)
- Erik Olsen, PE, Chicago Dept. of Environment
- James Boley, AIA, General Growth Properties, Inc. (Chicago)
- Steven Kismohr, AIA, Harley Ellis Devereaux (Chicago) – moderator

Upon completing a building, the owner has a variety of factors to consider for operations and maintenance. How do design decisions and sustainability factor in these solutions? This discussion will illustrate available standards, example policy decisions, and real results found through a range of building types and sizes.

1.5 LU/HSW

12:00 p.m.-1:15p.m. Lunch and Keynote: Performance Landscapes | Martin Felsen, AIA and Sara Dunn, UrbanLab (Chicago) | Performance Landscapes are process-oriented, non-hierarchical, sustainable, open-ended matrices that are capable of evolving flexible and multi-functional (natural and artificial) spaces. Performance-based bio-design strategies deploy a series of landscape elements that promote self-organizing environmental patterns to emerge over time. Emergent behavior within a landscape occurs where the interaction between independent elements creates a complex adaptive system rendering the total effect of action greater than the sum of its parts.

1 LU/HSW

1:30-3:00 p.m.

Collaboration | ABCs of Working with MEPs: Risk Management for an Integrated Design Team

- Melissa Roberts, AAI, Euclid Insurance Agencies (Itasca)
- Laurie Randolph, Hinshaw & Culbertson LLC (Chicago)
- James Arends, AIA, Gilbane Building Co. (Chicago) – moderator

You've decided to use an integrated design approach. How do you structure contracts that coordinate and complement each discipline? How do you manage communication among team members, especially electronic communication and documentation including e-mail and field reports? Shop drawing review, RFIs, and joint defense strategies will also be covered. 1.5 LU/HSW

Implementation | Successful Integration of Renewable Energy Systems:

Economic Screening and Installation Issues

- William Guiney, Johnson Controls Inc. (Milwaukee)
- Branden Levitt, Solar Service Inc. (Niles, IL)
- Stephen Zehr, PE, Power Engineers Collaborative LLC (Chicago) – moderator

Two leaders in the area of solar energy implementation will discuss their experiences and lessons learned regarding how to evaluate system economics, system design preferences, and how to coordinate with a building's architecture and structure. 1.5 LU/HSW

SESS

Economics | Building Fundamentals that Still Work

- Anne Sullivan, AIA, Thornton Tomasetti Inc. [Chicago]
- Susan Turner, AIA, Bailey Edward Design Inc. [Chicago]
- Anne McGuire, AIA, McGuire Igleski & Associates Inc. [Evanston]
- Charles Smith, AIA, OWP/P [Chicago] – moderator

What can we learn from historic buildings and the ways in which their architects took advantage of the technology of their times? Can we regain knowledge from buildings designed before air conditioning and structures in which daylighting was essential? And what is the best way to handle all those old windows: is it better to maintain or replace them? 1.5 LU/HSW

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AIA MEMBER NUMBER

	both days	one day
AIA Chicago member	\$ 350	\$ 190
New AIA Chicago member	\$ 215	\$ 125
AIA member – other chapters	\$ 415	\$ 225
ASLA Illinois Chapter	\$ 350	\$ 190
ASHRAE Illinois Chapter	\$ 350	\$ 190
ULI Chicago District Council	\$ 350	\$ 190
Non-member	\$ 575	\$ 305
Associate AIA member – any chapter	\$ 175	\$ 105
Student	\$ 155	\$ 95

REGISTER

I am registering for

<input type="checkbox"/> both days	\$.....
<input type="checkbox"/> Thursday only	\$.....
<input type="checkbox"/> Friday only	\$.....

The first 100 people to register will be in a drawing for a subscription to *Detail* magazine and the first 100 to register for both days will be in a drawing for the book *What Architects Cook Up/Architekten Kochen*. Five subscriptions and five books will be given away, courtesy of Reed Construction Data.

SELECT YOUR THURSDAY BREAK-OUT SESSIONS

10:30 to 12:00 p.m.

- ☐ How Can Collaboration Deliver Great Design?
- ☐ Managing Sub-Consultants Through AIA C401 [2007]
- ☐ Understanding Carbon in the Building Industry

1:30 to 3:00 p.m.

- ☐ Generations at Work: Why They Won't Just Grow Out of It
- ☐ Energy Performance in Older Buildings
- ☐ Cost and Value: When Economics Lead Us in the Wrong Direction

3:30 to 5:00 p.m.

- ☐ Conservation Planning: Collaborating with the Land
- ☐ High Performing Building Envelope Design and Construction
- ☐ Funding Opportunities for Energy Efficiency

SELECT YOUR FRIDAY BREAK-OUT SESSIONS

10:30 to 12:00 p.m.

- ☐ Integration Case Studies: A Team Perspective
- ☐ What's So Special About Integrative Design and Construction?
- ☐ Is Sustainability Operationally Effective?

1:30 to 3:00 p.m.

- ☐ ABCs of Working with MEPs: Risk Management
- ☐ Successful Integration of Renewable Energy Systems
- ☐ Building Fundamentals that Still

☐ special meal requirement (specify)

Register online at www.aiachicago.org