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Booth #19



Booth #18

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BWA South—Booth #13

CENTRIA Architectural Systems—Booth #27

The Columbus Coal & Lime Co.—Booth # 1

Communication Exhibits, Inc.—Booth #35

County Fire Protection, Inc.—Booth #29

CPI Daylighting—Booth #16

Dovetail Solar & Wind—Booth #52

Dow Building Solutions—Booth #28

Dyson B2B—Booth #46

EMH&T—Booth #55

Feinknopf Photography—Booth #57

Forbo Flooring Systems—Booth #49

Glidden Professional—Booth #15

GAF—Booth # 3

The Garland Company, Inc.—Booth #31

Heapy Engineering—Booth # 8

Holdfast Technologies—Booth # 5

Hollaender Manufacturing—Booth #65

Huber Engineered Woods, LLC—Booth # 9

Ingersoll Rand Security Tech.—Booth #43

Ketchum and Walton Co.—Booth #17

King Business Interiors—Booth #51

KLH Engineers—Booth #64

Knoll—Booth # 6

Loeb Electric—Booth #47

Marvin Windows & Doors—Booth #40

MechoSystems—Booth # 4

Metro CD Engineering—Booth #44

National Gypsum Company—Booth #41

Oberfields, LLC—Booth #50

Ohio Valley AV—Booth #56

Ohio Valley Supply Company—Booth # 7

Parksite / DuPont Tyvek—Booth #48

Pella Windows & Doors—Booth #33

Pine Hall Brick Company—Booth #32

PPG Industries—Booth #37

Rumpke of Ohio—Booth #25

Seaman Corporation / FiberTite Roofing Division—Booth #39

Sherwin-Williams—Booth #26

Solar Solutions—Booth #54

SolarTex—Booth #10

SourceCorp Professional Services—Booth #36

SunTrol Co. Glass Enhancing Film—Booth # 2

Terracon Consultants, Inc.—Booth #14

Terrazzo & Marble Supply—Booth #20

Tnemic Coatings—Booth #53

Tremco Roofing & Building Maintenance—Booth #45

Unilock—Booth #34

Wellnitz Concrete & Landscape Products—Booth #30

Other Sponsors

NON-PROFITS

American Institute of Steel Construction

Columbus State Community College

The Electrical Trades Center

Illuminating Engineering Society

PUTT-FOR-EDUCATION

At Home Putting Greens

MASTERFORMAT FLASH DRIVES

Huber Engineered Woods

DesignGroup

Oberfields, LLC

Marvin Windows & Doors

Pine Hall Brick Company

HAPPY HOUR

Tremco Roofing & Building Maintenance

FOOD / BEVERAGE

Marvin Windows & Doors

Serious Materials, Inc. / QuietRock

ATAS International, Inc.

Shelley Metz Baughman Hawk

CONFERENCE BAGS

Hamilton Parker

NAME BADGES & LANYARDS

Intelligent Assistance, LLC

Marvin Windows & Doors

EVENT PROMOTION

Matt Rumora - Visual Communication Design

Fulcrum Creatives - Event Photography

Key Blue Prints - Signage & Banners

Weirick Communications - Promotions

EVENT WIFI

Intelligent Solutions, LLC

DESIGN COLUMBUS 2011

EDUCATION SESSIONS
8:30am - 11:20am

TRADE SHOW
11:00am - 6:00pm

KEYNOTE LUNCH
12:00noon - 1:20pm

EDUCATION SESSIONS
1:30pm - 4:20pm

HAPPY HOUR
4:00pm - 6:00pm

TRADE SHOW & EDUCATION DAY

APRIL 18, 2011 • COSI • COLUMBUS OHIO

- CEU's
- Learn what's happening in OUR market
- Networking
- Fun and Fellowship
- New Products
- Defining the path of our Community

U.S. Green Building Council - Central Ohio Chapter and Construction Specifications Institute Columbus Chapter announce the first annual joint trade show and educational event to be held April 18, 2011 at COSI Columbus.

DesignColumbus2011 is an opportunity to learn about and engage in the transformation of the Central Ohio built environment with the goal of making it more healthy, prosperous, and sustainable. Sixteen educational

seminars along with the two floor trade show presents current and future development of technologies for all leaders in Central Ohio creating buildings and communities that promote economic growth and sustain the health and vitality of all life.

This full day of continuing education and informational displays is organized to attract hundreds of professionals involved in the building industry. Attendees and participants are

representatives of the entire project team, including architects, designers, engineers, owners, developers, government officials, municipal planners, facility managers, contractors, construction managers, construction specifiers, manufacturers, product representatives and others.

For all attendees, the continuing education component includes opportunities for AIA and GBCI/

USGBC continuing education units (CEUs). These CEU opportunities are of tremendous value to AIA and LEED Accredited Professionals interested in maintaining their credentials in an ever more competitive marketplace.



CO-HOSTED BY:



The Construction Specifications Institute

AFFILIATES:

- AIA Columbus
- Ohio Chapter - American Society of Landscape Architects
- Ohio Capital City Chapter of Association of Energy Engineers
- The Builders Exchange of Central Ohio

WHERE:

COSI, Center of Science and Industry
333 West Broad Street
Columbus, OH 43215

WHEN:

Monday, April 18, 2011
10:30 AM - 6:00 PM

HOW:

Attendees: <http://designcolumbus2011.eventbrite.com>
Sponsors: <http://designcolumbus2011.sponsorship.eventbrite.com>

HEALTHY • PROSPEROUS • SUSTAINABLE

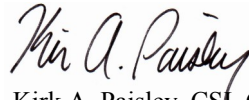
Welcome to DESIGN COLUMBUS 2011

This year marks the first annual joint tradeshow presented by the Construction Specifications Institute Columbus Chapter and the U.S. Green Building Council Central Ohio Chapter. DesignColumbus2011 has been an exciting collaborative process for both chapters. The strength and teamwork of the event's planning committee - made up of hard-working, dedicated volunteers from both organizations - has created an event that will be sure to advance the primary missions of both organizations.

Above all DesignColumbus2011 is an opportunity to learn about, and engage in the transformation and advancement of the built environment to be more healthy, prosperous and sustainable. We hope that you will take advantage of the many educational session offerings which are approved for GBCI and CSI CEN credits for those AIA & LEED professionals working on their continuing education. There is truly something for everyone; programs that range from accessibility and energy codes to acoustics and daylighting.

We hope that you will take time to acknowledge our gracious event sponsors and volunteers, and help us by thanking them for their contributions. Without their help we could not have made DesignColumbus2011 possible. Thank you, and enjoy your day!

In Partnership,



Kirk A. Paisley, CSI, CDT, LEED AP BD+C
CSI Columbus Chapter President



Kurt W. Smith, LEED AP
USGBC Central Ohio Chapter Chair

MORNING SCHEDULE



DC-17 Understanding the 2010 Accessibility Standards
Kristi Avalos, President/CEO

8:30-10:20am
Accessology

This seminar provides in-depth coverage of the revised ADA-ABA guidelines in comparison with the currently enforceable ADAAG standards. A side by side comparison is given of the 1990 ADA Accessibility Guidelines and the New 2010 ADA Accessibility Guidelines released on July 26, 2010. These are now the enforceable standards for all buildings and will affect just about every project built. Learn how to integrate the new standards into your design and what to do when your state requirements differ from the new federal requirements.



DC-18 EPA Act 179D
Bob McPherson, Director, Cost Segregation & Green Building
Jeanne Briggs, National Director

9:30-10:20am
SourceCorp
SourceCorp

The Energy Policy Act of 2005 provides a significant tax incentive for the installation of certain highly energy-efficient building systems. Referred to as the EPA Act §179D tax deduction, this incentive applies to owners of commercial buildings who build or retrofit energy-efficient properties, and in the case of schools and other public buildings, to the architect or primary designer.



DC-14 Integrating Acoustics into Design
Angela Sellers, Marketing Representative

3:30-4:20pm
BASWA acoustic North America

This program is designed to make architects aware of the need to consider acoustics. Attendees will become familiar with the psychological effects of interior acoustics and the principles of sound and also realize the importance of accounting for acoustics in the design phase.



DC-01 Green Columbus Fund
David Hull, Assistant Director, Sustainability & Regional Development City of Columbus
Jeremy Cohen, Manager of Government Sector U.S. Green Building Council

10:30-11:20am

The City of Columbus has a new green grant program "Green Columbus Fund" that encourages sustainable building by reimbursing the LEED certification fee and providing further incentives for buildings that qualify under NC, CS, CI or EB:OM rating systems.



DC-15 Sustainable Design Roofing
Thomas Bauer, Product Manager

3:30-4:20pm
The Garland Company

The participants will understand the concept of sustainable design as it relates to commercial roofing applications. Innovative technologies such as cool roofs, photovoltaic roofing, vegetated roof systems, recyclable roofing, roofing materials manufactured with post consumer recycled content, and low VOC roofing options will be discussed



DC-02 Terrazzo: The Original Recycled Flooring
Brad Meyer, National Sales Manager

10:30-11:20am
Terrazzo & Marble Supply Companies

Focusing primarily on epoxy terrazzo systems, this presentation reviews the basic characteristics of terrazzo surfaces with a primary emphasis on its sustainable benefits.

DC-11 Solar Electric Technology
Geoff Greenfield, Co-Owner & President

2:30-3:20pm
Third Sun Solar

Solar Electric (PV) Technology has several benefits vs. wind and its effectiveness northeast Ohio. The seminar shows solar installation methods and site issues for site evaluation. Learn "Rules of thumb" for cost, system sizing, cost and production are important tools for your understanding and use of PV.



DC-12 Green BIM: How Building Information Modeling is Improving Sustainability
Brian Skripac, Director of BIM

2:30-3:20pm
DesignGroup

Green BIM is an emerging trend that takes full advantage of the intelligent building information models being developed by leading design firms. This process can be defined as the use of BIM tools to help achieve sustainability and/or improved building performance objectives on a project. Our seminar will investigate the recent "McGraw-Hill Smart Market" report on Green BIM and demonstrate the technologies and workflows being implemented to develop more sustainable designs. To show a practical example, we will review a case study of a current design project that is leveraging early energy analysis and implementing passive solar strategies through a BIM workflow on a project pursuing LEED Gold Certification here in Columbus.



DC-13 The Smart Grid: The Future of Electricity
Jay Warmke, Author & Owner

3:30-4:20pm
Blue Rock Station

Imagine if our telecommunications systems had not changed substantially since the days of Alexander Graham Bell. The electrical grid - perhaps the largest "machine" ever built in the history of mankind, has remained basically the same since Thomas Edison and Charles Brush first conceived of bringing electricity to the masses. But all that is about to change. The Smart Grid: The Future of Electricity is a discussion of what is coming and what it will mean to our society over the next several decades. Spend an hour with Jay Warmke, board member of Green Energy Ohio, Ohio Green Living, national Co-Chair of the Skills USA Sustainability Contest and author of Green Technology: Concepts and Practices - as we discuss just what is meant by the "Smart Grid."



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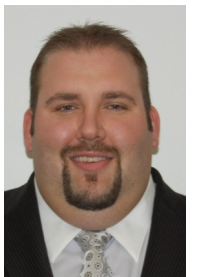
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DC-16 Clearing the Air on Sustainability: Why Good Indoor Air Quality Matters
Nancy Wiersma Wright, Architecture & Design manager

3:30-4:20pm
Knoll

This course identifies overarching aspects of Sustainability and how sustainable design works to integrate societal, economic and environmental goals for the benefit of all. Discussion of how synergies can be created by implementation of these elements resulting in improved health, lower energy consumption, productivity increases, and decreased building maintenance costs is covered, with special emphasis on good indoor air quality (IAQ) and improved health, as this is one aspect of sustainable design that has the biggest impact on user comfort and the financial success and life expectancy of the built environment.





DC-06 Effect of Green Building on Paint Selections
Bob Schrock, Architectural Sales Representative

1:30-2:20pm
PPG Industries

Learn how VOC criteria can contribute to green building; understand what governs the classification of paint as “green”; receive an overview of LEED and the credits affected by paint; learn about the design and specification considerations involved with “green” paint.



DC-07 Reducing Embodied Energy in Masonry Construction
John McKeivitt, Midwest Market Manager

1:30-2:20pm
CalStar Products

Brick continues to be one of the most favored building materials around the world. With sustainability becoming a basic requirement for all products and materials, conventional clay brick has come under increased scrutiny, primarily due to the fossil fuel energy required to fire brick kilns and the associated CO2 emissions. This course explores new technology that creates new bricks that significantly reduce the environmental footprint of masonry construction.



DC-08 What Happens to Performance After You Receive Your Plaque? A Case Study

1:30-2:20pm

Michael Berning, Director of Sustainable Design
Beverly Denlinger, Sr. Project manager, Engineering & Construction
Mark Setterlin, Co-Owner & President

Heapy Engineering
Wright State University
R.W. Setterlin Building Company

This seminar reviews actual building performance data for several LEED GOLD certified projects – one year after certification. Did the Energy Models predict accurately? Were they even close? And Why? What contributes to positive results in the transition from the simulated building to operational occupancy? Aspects of the Design and the LEED Documentation / Certification Processes for these projects were also evaluated.



DC-09 New Energy Codes & Their Impact on Building Envelope Design & Moisture Management

2:30-3:20pm

Maria Spinu, Building Science & Sustainability Manager

DuPont Building Innovations

This seminar will highlight key energy code trends, their potential impact on building envelope moisture management ability and some available tools for energy efficient, moisture managed envelope design.



DC-10 Architecturally Exposed Structural Steel: Realizing Your Expectations

2:30-3:20pm

Monica Shripka, Upper Midwest Regional Manager

American Institute of Steel Construction

There is a delicate balance between aesthetic and economic considerations for architecturally exposed structural steel (AESS).

DC-03 Daylighting with Commercial Skylights
Mark Brink, National Sales Manager

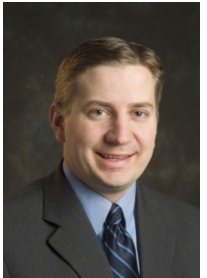
10:30-11:20am
Wasco Skylights

This presentation addresses the fundamental design considerations of daylighting provided by unit skylights. Skylight components are addressed as well as the integration of artificial lighting. Skylight location and placement are looked at in relation to the climate, interior space and Daylighting needs. Properly designed use of Daylighting and integrated light fixtures provide substantial energy savings. Natural Daylighting has proven to increase student test scores, increase retail sales and promote wellness. New energy efficient glazing materials utilizing Aerogel are also part of the presentation.

DC-04 Holistic Green Design of Site Infrastructure
Brian Quackenbush, Senior Project Manager

10:30-11:20am
EMH&T

Through this presentation you will learn about the integration of holistic green design on site infrastructure through four unique case studies, the cost effectiveness of holistic green infrastructure design compared to traditional design, and other potential benefits to holistic green design of site infrastructures.



***** **Keynote Lunch** -- **11:30am-1:20pm** *****

Introduction

Michael Coleman, Mayor

12:00-12:15pm
City of Columbus

Keynote Presentation

Jerry Tinianow, MORPC

Barb Seckler, Columbus Health Department

Brian Williams, MORPC

Noreen Warnock, Local Matters

Kay Bea Jones, OSU Knowlton

Mark Wagenbrenner, Wagenbrenner Development

12:20-1:20pm

Overview of Weinland Park project

The City's Context, emphasis on the Weinland Park Neighborhood Plan
MORPC's context, local food assessment and plan

The state of food production and availability in Weinland Park today

How a design professional views the project

How a developer views the project

Beyond the Building: Instituting Green at the Neighborhood Level Through Agrarian Urbanism

The energy efficiency of buildings depends not only on how the building is constructed and operated, but also on its location and interaction with the surrounding neighborhood. Our keynote panel will describe an innovative planning project now underway to create an "Agrarian Urbanist Overlay" in the Weinland Park neighborhood of Columbus. The Overlay will consist of detailed plans for structures and programs that will make the production, processing, distribution, preparation and celebration of food a central feature of this urban neighborhood. Agrarian Urbanism will reduce the energy footprint of the food system while providing neighborhood amenities attractive to all, regardless of economic circumstances.

AFTERNOON SCHEDULE



DC-05 Envelope First Energy Efficiency & Pathways to NZE

Paul Bertram, Jr., Environment & Sustainability

Christine Beaulieu, Technical Services Engineer

1:30-2:20pm

Kingspan Insulated Panels

Kingspan Insulated Panels

This presentation is intended to help the building team better understand the importance of energy modeling early in the project. The basis of the presentation is a White Paper compiled by AEC (Architectural Energy Corporation) that compares 5 exterior cladding systems in 4 climate zones and 3 building types. The analysis uses ASHRAE 90.2004 as a baseline compared to ASHRAE 90.1 2007. Achieving net-zero energy buildings requires two distinct but complementary aspects of a building's design. First, the building must be made as energy efficient as possible. Second, the building must include means of producing energy from renewable resources such as photovoltaics (PV).

