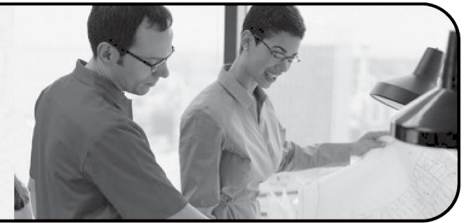




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BETTERBRICKS PROFESSIONAL TRAINING PROGRAM: UNIVERSITY OF IDAHO & BOZEMAN INTEGRATED DESIGN LAB 2009 IDL FALL DESIGN SERIES – REGISTER NOW TO ATTEND

THURSDAY, OCTOBER 1

Comparing Daylight Simulation Techniques; Using Radiance Simulations, DAYSIM and Physical Models in Architectural Practice

Using Ecotect as an interface with Radiance and DAYSIM, advanced daylight simulation and analysis tools are more accessible to architectural practitioners than ever before. The Pacific Northwest has had a long history of using physical daylight modeling in overcast sky chambers for daylight design analysis and consultation with local designers. This presentation compares the benefits and challenges of using each of these tools, both physical and digital, in common architectural design applications. These projects are not cutting edge landmark buildings, rather the work identifies and discusses the challenges facing typical architectural practitioners.

Speaker – Kevin Van Den Wymelenberg and Gunnar Gladics, U of I IDL

THURSDAY, OCTOBER 15

Design Implications of the 2030 Challenge

Just three years ago Ed Mazria issued the 2030 challenge – achieving net zero carbon emissions from new and existing buildings by the year 2030. The challenge has been embraced by the AIA, the USGBC, ASHRAE and the Department of Energy. It looks great on paper but the discussion is really just beginning. A 30 percent reduction of building energy use requires some new thought and communication on design process. A 50 percent reduction requires a focused process and discussion of integrated strategies and technologies. What happens when we move beyond 50 percent? This session brings a logical and informative approach to the 2030 challenge discussion.

Speaker – Terry Egnor, Microgrid

WENESDAY, OCTOBER 28

Low-Tech Architecture; Load reduction and passive strategies in the Northwest

To meet the requirements for ever increasing energy efficiency buildings need to first vastly reduce the loads that active systems are required meet. Moving away from technological fundamentalism and embracing climate responsive design and vernacular passive strategies is possibly one of greatest tools that we have in meeting our load reduction goals. David Goldberg of Mithun , Seattle will discuss several building case studies and the passive strategies that help to decrease loads and reduce energy use in buildings around the Northwest.

Speaker – David Goldberg, Mithun Architects

CONTUNUED ON BACK

SESSION INFORMATION:

All sessions 4:30 to 6 pm Mountain Standard Time At the Integrated Design Lab, 108 N. 6th Street, Boise, Idaho. Videostream at www.idlboise.com

These workshops are brought to you by BetterBricks in partnership with:



THURSDAY, DECEMBER 3

Cooling Strategies for Peak Loads

Dick Bourne, P.E. is newly retired Associate Director of the Western Cooling Efficiency Center, part of the Energy Efficiency Center at the University of California, Davis. Dick was formerly a principal at Davis Energy Group (DEG), where he served as founding president from 1981 through 1997. A former associate professor at the University of Nebraska, Dick has presented more than 150 special lectures, workshops, and technical papers on energy subjects since 1974. He served as Chairman of ASHRAE's radiant heating/cooling technical committee, and holds 20 U.S. patents.

Dick will be sharing his knowledge of high efficiency cooling equipment and strategies specific to the Western United States. Technologies will be discussed that aim to reduce peak cooling loads such as DualCool technology, pool heat rejection, radiant cooling, and the Davis Energy Group, HyPak project.

Speaker – Dick Bourne, P.E.

REGISTRATION FORM

To attend any or all of the sessions, please fill out the form below and fax it to (206) 292-4125 or email the following information to **training@betterbricks.com**.

For those attending via the internet, please give yourself a few minutes previous to the 4:30 pm start time to sign in.

I would like to attend the following session(s):

10/1 10/15 10/28 12/3

Name: _____

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