



From the Millenium Bridge to St. Paul's Cathedral, the built environment reveals lessons about design, environment, performance, and culture.

RETREAT 2003: ARCHITECTURE AS PEDAGOGY

Retreat 2003 will focus on the relationships between the messages we deliver about buildings and the buildings from which we deliver those messages. We'll take the example of the Oberlin College Lewis Center for Environmental Studies (CES) which is based on the philosophy of director David Orr (see "Architecture as Pedagogy" at http://www.greendesign.net/content/featcase/orrartic.htm). Our conversation will revolve around the manifestations of architectural and environmental wisdom in buildings where the lessons are explicit and demonstrable. A detailed call for participation is posted on the SBSE web site.

SESSION THEMES

Teaching Facilities—What environmental attitudes are communicated by the places where you teach? Are there connections and rifts between the lessons and the teaching/learning environment? What do students learn about the veracity of our lessons from these places?

Greening the Campus—At the village scale, how are campuses acting to form patches of green infrastructure in the overall network of cities?

Typology for Environmental Study Centers—How does "design for design" in the mode of environmental design for environmental centers translate into architecture as pedagogy?

Case Studies in Architecture as Pedagogy—Aside from the Oberlin CES, what other exemplar works can we refer to when examining buildings and the pedagogical elements of their design?

Roundtable Discussions—Suggest a personal "hot topic" to gather perspectives from your SBSE colleagues in an informal setting.

See you in Indiana in August!

-Reonard Bachman

SBSE CALENDAR

2003	
Jan 2-4	AOC Workshop; Portland, OR
Apr 10-12	ARCC Conf.; ASU, Tempe, AZ
Jun 21-25	ASES Solar 2003; Austin, TX
Jun 28-Jul 2	ASHRAE Conf.; Kansas City, MO
Aug 7-10	AOC Workshop; Oberlin, OH
Aug 11-15	SBSE Retreat; Columbus, IN
Nov 9-15	PLEA Conf.; Santiago de Chile
2004	
Jan TBA	AOC Regional Workshop; tba
Jun 26-30	ASHRAE Conf.; Nashville, TN
Jul TBA	ASES Solar 2004; Portland, OR
Aug TBA	AOC Regional Workshop; tba
2005	
Jan TBA	AOC National Workshop; tba
Jun 25-29	ASHRAE Conf.; Denver, CO
Aug TBA	Solar World Congress; Orlando, FL

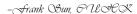
WEB SLINGER

Robert Marcial spent Thanksgiving "holiday" posting our updated web site, http://www.sbse.org. Help make it more than a pretty face; send significant content to him at rmarcial@uclink4.berkeley.edu!

LETTERS TO THE EDITOR

I have really enjoyed all the stuff you are doing in London, which I think will be a great experience for all of us. The connections made through the brethren of SBSE is truly the essence of the meaningful activities in our hopes and dreams. The level of integrity SBSE brings to building science is the inspiration to make architecture a better place. The Druk White Lotus School in India reminds me of one of my biggest dreams—raise money to build schoolhouses in all parts of the world that need them, have manufacturers donate the materials (such as PVC windows, solar or PV panels), and conduct student competitions to create the most energyefficient designs.

Keep up the good work—"hi" to Luebke-



[Thanks for sharing your dream—the bud of a strategic plan? Guess I'm taking sabbatical for more than one! Chris' idea was that it's an SBSE fellowship.-ed.]

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Upon re-reading Bill Burke's remarks in the Summer 2001 SBSE News, I am truly saddened by the Enron market manipulation. Everyone was trying to be reasonable and rational and no one even mentioned the irrational or possible criminal behavior.

On another topic I would like to alert you to the DOE-co-sponsored Solar Decathlon held in DC. The schools were great! I hope you will give them a bit of space in your next newsletter. SBSEers were there. [Including Carl Bovil, Dale Brentrup, Mike Garrison, Adam Jackaway, Norbert Lechner, and Randy

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USGBC STRATEGIC PLAN FOR EDUCATION 2005

[With the help of an informal SBSE steering group, Jim Wasley composed a letter to the USGBC Education Committee on November 5 in hopes that it would be discussed at their conference. However, other business consumed the committee, and action on Jim's letter was deferred. I had planned to run the letter in full, but it's eloquence required four full columns. So here's the condensed version. Visit http://www.sbse.org/announcements/> to read his letter in its entirety and find out exactly what Jim proposes.—ed.]

Bridging the gap between academia and the USGBC holds tremendous potential for promoting their mission. SBSE could provide points of collaboration between the USGBC and academia, particularly through supporting these educational activities (though there are research opportunities as well). For starters, I'll invite the chair of the USGBC Education Committee to join us at this year's retreat in Morgantown and in Columbus, IN. Unbearably hot and humid, quite possibly, but guaranteed to be stimulating!

THE USGBC AND THE GREENING OF ARCHITECTURAL EDUCATION

The USGBC Strategic Plan for Education merely hints at the work to be done to build bridges. Here is an outline of initiatives that SBSE and USGBC might work on together, starting with the easy stuff and looking towards larger, externally-funded activities.

- 1. Recruit USGBC Members to Academia. The USGBC could help enlist young professionals with technical expertise in 'green architecture' to academia.
- 2. Support Green Educational Efforts. The USGBC could convince university administrators that a market exists for architectural graduates with knowledge in 'green architecture.'
- 3. Support 'Green Champions' in Academia. The USGBC could raise the visibility of green work within academia by including educators in the proposed 'Green Champions' recognition program, thereby building bridges between the USGBC and universities.
- 4. Promote Academic Membership in USGBC. The USGBC could make membership more affordable for academic institutions and strengthen university involvement.
- 5. Promote Interaction between USGBC and Academic Forums. The USGBC could partner and co-sponsor other successful conferences and educational forums on green buildings.
- 6. Support Green Educational Initiatives within Academia. The USGBC could fund both educational and research initiatives that serve their mission of promoting buildings that are 'environmentally responsible, profitable, and healthy places to live and work' through a unique, coordinated investment in and support of:
 - a. green building laboratories and education centers
 - b. green campus movement
 - c. national curriculum development projects
 - d. national teacher and professional training events
 - e. national student design competitions
 - f. student participation at USGBC conferences
 - g. national student apprenticeship program.

THE USGBC AND ACADEMIC RESEARCH

Finally, to support the USGBC vision of fostering academic research, I encourage them to develop such a program. SBSE has a stake in both the teaching and research directions suggested by the USGBC's proposed framework. We would gladly help USGBC shape policy, develop projects, and create opportunities. I look forward to assisting the USGBC Education Committee.

-Jim Wasley

SHARING THE LESSON

Thanks for all those encouraging comments about my web site launched this past summer. I was asked about support for my efforts. Sadly, I had none. Our budget is so destroyed by provincial funding cutbacks that I am left to teach 10 courses this year (twice the normal load) and cover most other costs to support my habit of excellent research and teaching. I am out of pocket so deep for computer software resources and conference travel expenses it fails to be even a bit amusing. I am forced to take on part-time work outside my university load to bring in funds for my (required) work to continue.

I didn't have to do the web site. It was my choice to spend my entire summer at the computer scanning slides and sizing digital images, making my course notes and outlines into pdfs, posting student work, creating course web pages for easier exchange of materials. It saves students money and allows me to distribute course notes in color! I did it because SBSE has taught me the lesson in and value of sharing.

Prior to my SBSE induction in 1994, I thought book authors would not give others the time of day and that teaching materials were private. Access to their images was unheard of. My first SBSE Retreat was peopled by the likes of G. Z. Brown, Norbert Lechner, Fuller Moore, John Reynolds—all book authors; all more than willing to spend time mentoring junior faculty like myself; and all willing to share their ideas, resources, time, and work. I was introduced to the SBSE curriculum resources, slide collection, and the Vital Signs project. All these resources have made my venture into teaching environmental design not only possible, but good. In 1994, our curriculum did not have an identifiable set of courses or lectures on passive and sustainable design. We now have 2 core undergrad courses (part of my load!) and an increasing number of grad students selecting these issues for their master's theses. I am thrilled!

Even though family and financial constraints have supplanted my attendance at any SBSE Retreat since Tadoussac (I am working hard on coming this year!), SBSE is still very close and supports not only my teaching, but my spirit—through the list server, newsletter, and chats with SBSE members at other conferences. I recall attending my first ACSA Regional Conference in 1993—I flew in, nervously gave my paper, chatted sparingly with a couple of strangers (I knew no one), and flew home without developing any contacts. Now conferences are a real treat and a chance to reconnect with old friends from all over—largely SBSE folk.

So my website http://www.fes.uwaterloo.ca/architecture/faculty_projects/terri/index.html is payback (particularly the Image Gallery and Sustainable Design Case Study essays). By the end of winter term I will add more significant Canadian case studies to the growing collection. Thanks to all who have done so much to help my teaching grow over the past 8 years. And encouragement to all to continue to share. If the bottom line is providing our students with an excellent education, then we must continue to help each other deliver high-quality information, images, case studies, and lecture material.

Thanks again!

- Terri Meyer Boake

TIA YAZD 2002 RESULTS

STUDENT DESIGN COMPETITION WINNERS

1st Prize. \$1,000—Salma Hoery and Sehr Mo'taged (Yazd University).

2nd Prize. \$500—Morteza Mir Gholami, Farzad Azam Lotfi, and Amir Sadeghy (Iranian University of Science and Technology).

3rd Prize. \$250—Ali Reza Nargessi (Iranian University of Science and Technology).

4th Prize. 8 @ \$50/team—Laleh Behravan, Sahar Mydnia, Ashkan Rowshan Rad, Vahide Rafifard, and Faezeh Yavari (Yazd University); Hamid Reza Maleki and Hamid Moghadam (Tehran University); Rafiqhi Mehran (Qasvin University); Alan D. Ng (University of Waterloo); Farshid Saman Pour (Iranian University of Science and Technology); Morteza Samea and Majid Nasir Zadeh (Tehran University); Farshad Mardani and Babek Zareiyan; Ali Yadollah Poor and Hosein Zadeh.

LETTERS [CONTINUED FROM P.2]

Swanson.-ed.] See http://www.solar decathlon.org> for the results and more.

-Jack Warner, ⊅OE

[So, I'm not the only one who reads old SBSE Newses! I think Enron did some serious damage to our collective energy innocence. Dale Brentrup sent decathlon pictures so all can get a taste of the event and stimulate further investigation. Architecture Week also covered the Solar Decathlon handsomely at http://www.ArchitectureWeek.com/today.html.-ed.]



Jack Warner waves from the breezeway of the UNCC Solar Decathlon entry.



After making initial contact with Kathryn Prigmore through the SBSE list server in August, I was invited to interview with Einhorn Yaffee Prescott Architecture & Engineering, PC in Albany, New York. I'm happy to announce that I've been an employee of EYP since the beginning of September, working on getting projects LEED-certified and towards my architectural license. Many thanks to SBSE and Kathryn, in particular, for helping me get my first job!

Lots of good fishin' here—just can't eat them. Something seems really wrong with that. Safe to swim, safe to fish: just don't drink the water, and don't eat the fish. Thanks, General Electric!

- Nick Rajkovich, & PRA&&

[Another SBSE job line success story! I'm glad to hear that you're plugging away for the greener good. RFK Jr., Riverwatcher, warned us about those fish and PCBs.-ed.]



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SBSE PEOPLE

☼ John Wiley & Sons has signed contracts for translations of *Sun*, *Wind ॐ Light*, second edition, into Portugese and Chinese. **Mark DeKay** and **G. Z. Brown** will have to wait two years for it to help reduce the number of questions from their Chinese students! [My students posit it's already in Greek.–ed.]

➡ For teaching (design studio and history of building technology) excellence at Texas A&M College of Architecture, Anat Geva was named a 2002–2003 Montague Center for Teaching Excellence Scholar, an annual honor for one tenure-track faculty member from each academic college.

A Khaled Mansy started teaching at Oklahoma State in September 2001, as an assistant professor in the architectural engineering program, teaching the two required EC courses as well as a sustainability and design of passive systems elective. He's also co-teaching comprehensive design studio (fifth-year). He graduated from IIT in July 2001, with a Ph.D. (with honors), in Architecture. [Old news is still good news!-ed.]

→ The CalPoly SLO home page cites **Margot McDonald** as interim director of architecture. She has a one-year contract to perform the myriad custodial duties that go with the title. [As well as a few significant jobs! Margot, you have my condolences.—ed.]

● ARCC announced this year's board of directors—Fatih Rifki is chair; Brooke Harrington, secretary; and Lucie Fontein, Alison Kwok, Brian Sinclair, and Stephen Weeks, board members. As past-president, Walter Grondzik remains on the board.

⚠ In London Sue Roaf presented "Solar Cities ... the Future" as the (UK) Institution of Electrical Engineers/Women's Engineering Society/Institute of Physics 2002 Daphne Jackson Memorial Lecture.



Foster's GLA ducks to pass under Tower Bridge.

CONFERENCE VIEWS AND REVIEWS

GREEN ROOFS, GREEN MIND: SUSTAINABLE BUILDING 2002

OSLO, NORWAY

Sustainable design conferences seem to be held in icons of mediocre architecture, perhaps to inspire us towards more rapid change. We jet in from afar to share hopes and visions while lodged in contemporary consumer opulence—gloomy lighting, plastic carpet, and mechanical systems optimized for first cost. Is there a bridge here? Can it span the distance required?

This year's Sustainable Building Conference (SB02) was the third in a series begun in Vancouver in 1998. Focusing on how to evaluate the environmental impact of a building, the initial conference was timely—



Norwegian earthship and crew.

BREEAM had garnered international momentum, and LEED 1.0 had just been introduced in the U.S. The "GBTool" (Green Building Tool http://greenbuilding.ca/iisbe/gbc2k2/gbc2k2-start.htm) used for the 1998 conference was ridiculously full of bugs, but it was by far the most comprehensive tool available. The 1998 conference was international in agenda and content; it harkened towards a future built on the cooperative research strength of nations, rather that narrower spheres of interest in existing evaluation tools. The Mastrich (The Netherlands) conference followed in 2000, plagued by poor organization and anemic attendance.

Oslo was a contrast—over 1,100 people attended, sessions were thoughtfully constructed, the technology worked well, and the international scope and content were retained. There was lots of content—three days packed with four or five concurrent sessions, over 350 posters, and the usual distractions. The SB conference series will now be sponsored by iiSBE http://iisbe.org and shifted to a three-year schedule. SB2005 will be held in Tokyo, Japan, one of the most densely-populated, environmentally-desecrated places on earth.

The formative concept of SB02 was green building evaluation, using the latest, greatest version (v1.75) of the *GBTool*. For this strand of the conference, 15 nations evaluated about 30 buildings and presented their results. *GBTool* remains a strange amalgam of ideas about green building evaluation. It requires input of 1,500–2,000 separate pieces of building information that are consolidated and weighted to produce a series of results, eventually culminating in a single number. The question remains, what does that single number mean? Is it a valid measure of building performance? Or, as Ray Cole said, does every evaluation end at about 2.5 regardless? Other metrics produced by the tool (such as water consumption, energy consumption for building operations) are quantifiable and objective. In my opinion, the tool has two shortcomings: (1) it quantifies a wide range of subjective issues (such as service quality), and (2) it uses voting and weighting systems meant to allow regional adaptation, but that in practice seem to reduce the relevance of the results. These problems are shared by most other building evaluation methods such as *LEED*, where the weighting is implicit rather than chosen by the user. It is clear that any building evaluation system that does not use environmental impact as a baseline for assessment will not be able to truly assess the sustainability of a building.

Aside from the *GBTool* strand, many interesting areas are being explored. The French are committed to the documentation of "indicators;" the *Crisp* program http://cic.vtt.fi/eco/CIBw82/crisp.htm is a model that the U.S. and others are following. Several additional evaluation systems are emerging, from the Canadian *Green Leaf* http://www.terrachoice.ca/hotelwebsite/indexcanada.htm to the Japanese *CASBEE*. Many interesting government programs, high performance buildings http://highperformancebuildings.gov, and case studies were presented; most are available on the conference CD.

SB 2002 came on the heels of the Johannesburg conference on sustainability, resulting in gritty reality throughout. Delegates from the U.S. presented 5 *GBTool* building evaluations and numerous other papers and contributions, but considering the leadership we're capable of providing, our presence was shallow. This discrepancy was embarrassingly apparent when, while eating lunch with representatives of Brazil, South Africa, Ireland, and Norway, I had to explain that I **do** think global warming is a problem.

The question remains unanswered. Is there a bridge? Can we evolve towards sustainable design by building and talking about buildings that use somewhat less energy? This conference was rife with a wonderful sampling of intelligent, committed people in both the public and private sectors. Is this commitment our ark or epitaph? The Norwegian countryside is dotted with remote villages, many virtually inaccessible, that are obvious models—low-energy, low-impact, and constructed with long-lasting, renewable materials. Can they be reconsidered for our contemporary concerns? Green roofs, green thoughts.

- Victor Olgvay

THE U.S. GREEN BUILDING COUNCIL CONFERENCE

AUSTIN, TX, NOVEMBER 13-15, 2002

What a ride! The USGBC Conference in Austin was like a barroom bucking bronco kicking in different directions with several thousand buckaroos hanging on for dear life. The spirit of the bucking bronco was captured by the plenary speakers—a moving opening speech by David Suzuki on how far we have to go to live within our ecological means, and a closing speech by Arthur Gensler essentially calling on the USGBC to overlook cheating on LEED certification in the name of meeting its ambitious participation goals. BUCK! BUCK! Which direction the horse spins next remains to be seen.

The working sessions were too numerous to count, and many I attended were excellent, though they only took the pulse of practice. A few sessions addressed rethinking LEED, a topic dear to SBSE, but clearly nowhere near the top of the agenda for the USGBC. Which begs the question of what was going on behind the scenes besides the end of my childhood fantasy that *Austin City Limits* is broadcast from an outdoor amphitheater over-



Inside Pliny Fisk's Center for Maximum Building Potential (Max's Pot), a USGBC tour destination.

looking the city. A stampede! Federal, state, and local governments are embracing LEED in various ways. Even the military is getting in on the act. Schools are tailoring their own standards. The health care sector is organizing. Specific guidelines are emerging to support green campus initiatives. The USGBC seems to have awakened both the marketplace and the sleeping giant of environmental activism, and it is not clear that the organization can grow fast enough to corral these runaways.

The conference was a huge success—over 3,000 head—so I'm sure I didn't see all you SBSEers attending. Given the resulting pandemonium, the USGBC Education Committee had no time to discuss our proposals and likely won't for some time. How do we want to proceed with USGBC? [Jim's riding point, he's on their education committee now. See a digest of his letter on page 2 and the web site for its entire content.-ed.]

A quarter for the bronco machine anybody?

-Jim Wasley

EVENT HORIZON

THE BUILDING ENERGY 2003 CONFERENCE AND TRADE SHOW

Mark your calendars for four days of networking, learning, and sharing; March 12–15, 2003, at the Boston Park Plaza Hotel. The Building Energy Conference brings together devotees of high-performance, green building, and renewable energy. Building Energy 2003 will feature two workshop days on Wednesday and Saturday, with a two-day conference on Thursday and Friday. For more information visit http://www.nesea.org/buildings/be/>.

-Northeast Sustainable Energy Association

ARCC RESEARCH CONFERENCE

The Architectural Research Centers Consortium 2003 Spring Research Conference, "Stimulating Research" will be held at Arizona State University, April 10–12, 2003. ARCC research conferences are historically interdisciplinary and inclusive of the widest range of research interests. ARCC is especially supportive of student research and invites submissions from students engaged in research and/or scholarly activities. For details please see http://www.polaris.net/~arcc/web/call2003.htm.

-Walter Grondzik

GREENING OF THE CAMPUS V

Greening of the Campus V, "Connecting to Place," will be held **September 18–20, 2003,** at Ball State University in Muncie, IN. Within the next couple of weeks, the Call for Papers will be posted to —share it with colleagues">http://www.bsu.edu/greening>—share it with colleagues. We hope to see you next September!

-Becky Amato

PLEA 2003 CHILE

"Rethinking Development: Are we producing a people-oriented habitat?" will be held in Santiago de Chile at 33°30'S on November 9–12, 2003. The official language is English, although Spanish translation will be provided. Tours and invited presentations in other cities will make the week of 11 November 2003, memorable in the southern hemisphere. For more info on PLEA topics e-mail plea2003@puc.cl> or visit "

-Jeffrey Cook

LINKS TIPS

ARUP GEM OF THE DAY

Here's a URL for a very cool building by Arup Associates, the architecture firm within Arup, http://www.ArupAssociates.com/
DrukWhiteLotusSchool/Home.htm>. The latest copy of the *Arup Journal* http://www.arup.com/insite/publications.cfm>
completes coverage of the Lotus School with commentary and a diagram of the solar loo.

If you liked that, check out ArAs's home page with pointers to many of their projects: http://www.ArupAssociates.com.

-Bruce Haglund

SUN & WIND IN COURTYARD BLDGS

Some time ago I reported on directed student research that Pierre Koenig and I were starting on sun and wind in courtyard buildings. That work is now complete, and I have its first phase on my web site http://www-rcf.usc.edu/~rknowles/interstitium/ interstitium.html> making it available to students everywhere.

-Ralph Knowles

OUT OF ARUP

Arup just published a great CD that features two narrated Powerpoint presentations of Arup's take on the Johannesburg World Summit on Sustainable Development, images of 40 Arup projects that address sustainability, info sheets on some exemplary projects, and a giant Arup sustainability timeline that dates back to when petrol was dirt cheap.

Arup's LA office has a cool video on the design of the passive Harare International School, narrated by the students! For both or either, e-mail

struce.haglund@arup.com> for your free copy!

-Bruce ⊀Caglund



Viewing the U.S. Capitol from the Solar Decathlon site.

RESEARCH NEWS

maps to design knowledge

Building on the second edition of *Sun*, *Wind & Light* and the REI/Hay-funded Climatic Design Resources project, Mark DeKay has received a \$9,100 Graham Foundation grant (matched by other sources) to figure out how to use all those *SWL* techniques and strategies in a design process. "Maps to Design Knowledge, the *SWL* Applications Manual" will develop and disseminate a manual to accompany *Sun*, *Wind & Light* for continuing education of architects, instructors, and students in schools of architecture and engineering, as well as practitioners. Its primary innovation is an intelligent navigation system that varies design methods and lessons in response to the user's design questions.

-Mark DeXay

GREEN CITY CHATTANOOGA

Mark DeKay and colleague Tracy Moir-McClean are working with the City of Chattanooga, TN, on a new, greener downtown plan. The city is considering solar and daylight access; a new network of greenways, parks, and pedestrian routes; and alternative approaches to stormwater management, including rainwater catchment and reuse. They have already built what may be the first municipal rainwater tower next to a new innercity elementary school. The illustration shows our proposal for converting limited-access U.S. Hwy 27 to an on-grade boulevard with an expanded urban forest in the old right-ofway; a sensitive-areas zone of wetlands, flood zones, and a filtration buffer; and a connected network of green spaces and routes.



The U.S. Hwy 27 right-of-way in context.

-Mark ⊙eXay

AGENTS OF CHANGE: BUILDING THE CASE

Great News! Great Opportunities! Alison Kwok has been awarded a three-year, \$485,301 Department of Education FIPSE grant to disseminate her *Agents of Change* training model to teams of architecture faculty and TAs across the nation, with the goal of teaching the next generation of architects how to conduct case studies in actual buildings. Already, 38 delegates are set to attend the January 2003 *Agents of Change* training workshop in Portland, OR.

Future Opportunities for SBSE members

- Participate with your TAs (or colleagues, students, administrator) in the Vital Signs field-based case-study methodology at a site near you. Your team's participation in future workshops would be partially subsidized by the FIPSE grant.
- Organize a regional AOC Training Workshop at your university. Workshop coordinators receive a \$15,000 mini-grant to support training activities.

Future Agents of Change Workshops

August 2003 Regional Workshop #1, Oberlin College. For this prototypical workshop, Katy Janda will serve as the regional coordinator. Enrollment is limited to 24 to ensure access to equipment, encourage full participation, and provide effective training.

January 2004 Regional Workshop #2, to be awarded.

August 2004 Regional Workshop #3, to be awarded.

January 2005 National Workshop, held in the East, to be announced.

We anticipate the RFP for the 2004 regional workshops to be released in January 2003, with an application deadline of March 1, 2003. Full information will be available on the project web site http://aoc.uoregon.edu/ and the SBSE list server soon. Stay tuned for details!

-Alison Xwok

CONFERENCE VIEWS AND REVIEWS [CONT. FROM P. 5]

ACSA TECHNOLOGY CONFERENCE

PORTLAND, OREGON, OCTOBER 2002

This year's technology conference provided a much more temperate experience than reported from Austin in July! The weather was more than cooperative, providing us with nothing but sunshine and excellent environs (in spite of the umbrellas provided in the guest closets of the luxurious Benson Hotel). This year's theme was housing, and it allowed for a good cross-section of presenters and papers. Christine Theodoropoulos (Oregon) and Linda Brock (UBC) are to be commended for their excellent event organization. In spite of some hiccups at ACSA (I miss Michele Reinhart who has left for a better opportunity), Matthew Nowakowski and Marsha Johnson kept things running smoothly. There was widespread SBSE representation from organizers to participants. SBSE sponsored the Friday evening plenary session—David Miller delighted us with his environmentally-sensitive residential architecture.

We learned that ACSA has decided unfortunately once again to abandon the independent technology conference format. Next year's conference, which was to have been held in Chicago, will instead be combined with the 2004 Annual Meeting in March in Florida. I oppose this move to recombine the conferences. While Austin had low attendance, the schedule didn't require concurrent sessions. Portland, better attended, had some concurrent sessions (posing the problem of choosing between enticing paper presentations, making cloning attractive) [I could use an attractive clone!-ed. Is that possible?—ed's ed.]. Both the Seattle and Dallas combined annual-tech conferences recently had four sessions running concurrently. The intent was to allow crossover participation among technology, design, and theory faculty—which I didn't see happen.

Another effect of the conference combination will likely be the demise of industry participation and subsidy. This year PCI took great care to create a special, housing-centered presentation that was revealing and whose material was easily incorporated into my construction courses. PCI is an organization that will do all they can to assist instructors with their course delivery. The Stainless Steel presenters have sponsored the tech conference numerous times as well. These sponsors also pay for fellowships that help junior faculty attend such events. I have attended many technology conferences since the inaugural in Washington, DC, in the early 1980s. That meeting was well-attended and brimming with enthusiasm—combined with the lamentation of a group of faculty who felt isolated from the important design part of the curriculum. I could tell by the tone of this year's meeting that we largely do not feel as peripheral outsiders at our schools any more. We are getting the respect that we deserve! I think that the combined conference is a "done deal" even if a long way off. Let's bombard the ACSA executive with constructive advice supporting a separate technology conference. After all, as teachers of environmental subjects, it is supposed to be our conference! For 2004, I would love to see at least an SBSE "session" as well as sponsorship of a keynote. Abbas Aminmansour <aamin@uiuc.edu> of the University of Illinois at Urbana-Champaign is the technology chair. He seems keen and open. [see related story, page 8.—ed.]

- Terri Meyer Boake

TEXAS TOOL DAY 2003

We're hinting broadly that the next Tool Day will happen in Texas just before or just after the ASES Solar 2003 Conference and the SBSE Annual Meeting. Mike Garrison will act as local host, Alison will bring tools [No chainsaws, please!-ed.], and Walter will construct the web site. We're looking at Max Pot with Texas' Solar Decathlon entry on site as host and subject. Stay tuned to the SBSE list server and web site for further details!

-Walter Grondzik



The Center for Maximum Building Potential viewed from the lush Texas tick country.

LETTERS [CONTINUED FROM P.3]

I finally got around to reading the Fall SBSE News. I noticed that you added a note to my message saying people should contact Joel Loveland to obtain a copy of the video on building a daylight model. I don't think I said that. Did Joel say that? I'm confused about this. I ordered 100 copies of the video from the Lighting Design Lab a couple of weeks ago and planned to send out about half of them to SBSE members who told me they wanted a copy. The videos still haven't arrived from the Lighting Design Lab. I can send an e-mail to the people who told me they wanted a copy to see if they're still expecting to get it from me or ordered a copy from Joel. -Bill Burke, ROSE

[Ooops, my bad! The newsletter and list server audiences are not the same, but do overlap considerably, so repeating list server stuff to the News is sometimes tricky. Anyway, according to Bill's latest e-mail, the videos arrived at the Pacific Energy Center. If you want one, and you're not on his list, tell Bill < WxB0@pge. com>. -ed.]

JOB OPS

GEORGIA TECH

The architecture program invites applications and nominations for a full-time, tenure-track Environmental Technology position starting Fall 2003.

This position requires the expertise to teach required and elective coursework in environmental technologies (energy, mechanical systems, lighting, acoustics, fire safety). Successful applicants will also demonstrate skills in integrating such systems into architectural design and studio instruction. Candidates with professional degrees in both architecture and mechanical engineering or building science are preferred. Applications are due January 15, 2003, but will be accepted until the position is filled. For info and applications contact Richard Dagenhart; Faculty Search Committee, Architecture Program; College of Architecture; Georgia Institute of Technology; Atlanta, GA 30332-0155.

Georgia Tech is an EO/AAE.

SBSE TO THE BARRICADES!

It was announced at the Portland ACSA Technology Conference that future tech conferences will be held adjacent to (in time and place) as the annual conference. Thus Abbas Aminmansour of U of Illinois—Urbana's bid to host the 2003 Tech Conference (in Chicago) was not accepted since it now will be held in Miami in 2004. ACSA generously offered Abbas the opportunity to chair Miami's tech conference long distance. Ugh! They've tried that before, and I, for one, didn't like it. There are all kinds of financial and staff wearand-tear advantages to combining the conferences however. I just happen to cherish "our own" event. So if you are bothered by this development, I was told by Frances Bronet (ACSA Past-President) to voice objections in writing to ACSA.

-John Reynolds

PRO- OR ANTI-CLIMATIC?



Ball State ECS students Jason "Windrose" Barisano and Zach "Sunpeg" Hilleson dress appropriately for Halloween. [They could get together with Alison "HOBO" Kwok for the SBSE masque ball.—ed.]



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