

SPECIFLYER

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PRESIDENTS NOTES



'Tis the Season

Well, it's that time of year again. The days are getting shorter. The weather is getting a little chillier. Plans are being made to gather with family and friends to share the joys of the season and each other's company. It's a time of beginnings and endings; of hope and reflections; of feasting and sharing.

Our CSI Chapter and the AIA\CKC Chapter gather

together each year at this time. As members of the local construction industry family; we come together to share our experiences, rejoice in our successes, and hope for our common future wellbeing. Of course, good food and drink with friends and colleagues is always enjoyable.

This year we will hold our annual Holiday Party on Tuesday, December 18, at the St. Charles Exchange at 113 South 7th Street in Louisville directly across 7th Street from 21C. The festivities will run from 7:00 - 09:30 PM. Be sure to make your reservations with Pat Sloan. See below for more details. I hope to see all of you there.

However you worship, celebrate, honor, or observe the holidays this season may you be with DECEMBER 2012

family and friends who care about each other; may you be reconciled with the past and restored by your future; and may you find peace and prosperity in the coming year.

Happy Holidays to all.

Randal J. Reifsnider, AIA, CSI, CCS, LEED AP, SCIP

UPCOMMING CSI PROGRAMS

10TH JANUARY
Joint Meeting with NAWIC

26th FEBRUARY AIA/CSI Trade Fair At the Galt House

NOTICE

Please make reservations to Pat Sloan before December 14th @ 2:00
E-mail to
Psloan43@bellsouth
.net
or call 1-270-257-2351

LOUISVILLE CSI HOLIDAY PARTY TUESDAY DECEMBER 18TH

JOINT HOLIDAY PARTY WITH A.I.A.

LOCATION: St. Charles Exchange, 113 S. 7th Street, Louisville, KY.

Each Louisville CSI Member and one guest are invited to attend free. Reservations required.

Dinner included. Cash Bar

SCHEDULE 7:00 PM to 9:30 PM Holiday Party

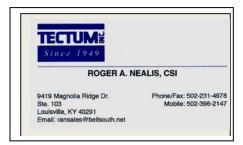
AIA/CEU: NO credit will be offered

CSI Member & Guest FREE Reservation required for ALL

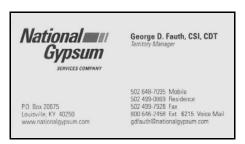
Missing bolts could account for collapse of Japanese tunnel



An estimated 270 concrete slabs suspended from the roof of Japan's Sasago Tunnel fell on Sunday, crushing cars and killing nine people. The cause of the failure could be missing or deteriorated anchor bolts used to secure the slabs, according to the executive officer of the tunnel's operator. The Ministry of Land, Infrastructure, Transport and Tourism has ordered emergency inspections of dozens of other tunnels that have a ceiling structure similar to Sasago's. USA Today/The Associated Press







IN MEMORY

Joseph L. Hillerich, 82, passed away November 25, 2012. Joe was a member of the Louisville Chapter CSI for a good number of years and spent the majority of his career at E. R. Ronald & Associates, a consulting engineering company







Silk and concrete: Old materials and new methods could revolutionize construction

In his classic 1998 work, Design in Nature - Learning from Trees, Claus Mattheck presented heretical new idea — removing material in the right places can actually make things stronger. By introducing smooth transitions to regions where angular or Cartesian geometry channeled stress into weak points, he could delay the onset of crack formation. Now, two bold new ideas, one using concrete, the other silk, offer a radical departure from traditional methods of construction and suggest ways to implement these design principles.

Curved concrete

By most measures, the world of concrete might at first seem a little boring. At a recent TED Talk however, University of Southern California professor Behrokh Khoshnevis unveiled his futuristic vision for 3D printing homes and buildings with a souped-up version of the stuff. If concrete can be successfully printed using "contour crafting" method, the rectilinear grids found in most construction could be softened into aesthetic curves. strong. formulation used would be a fiber composite with a compressive strength of 10,000 psi. comparison, a typical batch of concrete used for homes, or the upper floors of tall buildings, has a strength of only around 3000 psi. It would also set fast enough to be fashioned on-the-fly into complex shapes, including arches and domes. Continued on 4...

3 SPECFLYER December



TABLETOPS \$50

Sign-ups for table tops for all Louisville CSI dinner meetings will be available at each CSI meeting. A tabletop includes a table for display of product information during the networking hour and 5 minutes to address the chapter at the beginning of the meeting. Also included with the table top is a free, one time, half page ad in the Specflyer. This ad must be received one month prior to the chapter table top presentation.

Table tops are \$50 for Louisville

CSI members, \$100 for all others

email: CONTACT: Pat Sloan (270) 257-2331 or

psloan43@bellsouth.net

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John R. Arnold, Jr., CSI, CDT District Sales Manager

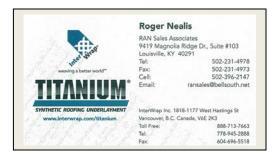
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DECEMBER SPECFLYER 4















Sarah Easton

District Design Specialist ASID-IP, IIDA-IP, USGBC

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Construction Continued... Most concrete is a tailored blend comprised of accelerants, retardants, plasticizers, bonding and pumping agents, corrosion inhibitors, and pigments. As anyone ever tasked with the job of chipping clean the traffic-hardened drum of a cement truck can tell you, the mixture has a narrow working window. Simply put: mixing and pumping concrete is not something you want to do on the mobile head of a three-story-tall printer.

To give an idea of what might be required to 3D print concrete, a pump-mixer that provides a steady flow through a 3-inch diameter hose at height of several stories would be powered by a V8 engine and is towed behind a decent-sized truck. Any printer like this would probably need a ground-based concrete supply and have a control system robust enough to handle the load of the feed mechanism. Current construction technology is already fairly sophisticated — with robotically-controlled boom trucks and pneumatically-applied "shot-crete" — but printing a habitable building in 20 hours would definitely be something new.

Silk-Spinning Spiderbots

The "spiderbot" that may some day handle large-scale 3D printing, is the brainchild of mechanical engineering student, Ben Peters.

Peters is one of researchers in the Mediated Matter lab at MIT that focuses on bioinspired 3D fabrication. Several of the lab's projects aim to use silk-like materials as tensile elements or possibly as a base substrate on which other materials may be overlaid.

The spiderbot would essentially be a modified skycam — the kind of device you might see doing the filming a stadium event. A skycam can be pulled to and fro in the manner of a huge puppet, or alternatively it can have its own servo motors which traverse a support wire. The scale and speed of the skycam is impressive and using one to rough out suspensions for makeshift bridges or other constructions might be conceived. Fastcuring materials expanding polyurethane foam could also be printed into molds with a spiderbot, later to be filled in a conventional manner with concrete. It would a be a stretch, but one might imagine a skycam repurposed for printing sideline markers, bases, or kitted out as an impromptu mini-Zamboni as the night's events dictate.



By <u>John Hewitt</u> on November 27, 2012 at 10:26



From the Desk of the Executive Director, Pat Sloan - DECEMBER, 2012

Email: psloan43@bellsouth.net

New Member: We welcome the following new members:

George Boggs, Klein Brother, George.boggs@kleinlock.com 502-652-9457

Sean Abercrombie sean.w.abercrombie@gmail.com 312-250-0384

Kevin Bratcher, ITT Technical Institute, kbratcher@itt-tech.edu 502-327-7424

Dan Robl, Modspace, Daniel.robl@modspace.com 502-966-4252

Mark Williams, Specialty Materials, Inc., marksmi@mac.com 859-351-3571

Welcome back:

Bob Karrer, Stanley Security Solutions, Robert.karrer@sbdinc.com 502-320-0962

Roger Nealis, RAN Sales Associates, ransales@bellsouth.net 502-231-4978

And I do understand a Cincinnati CSI member, Jack Schwein of Specified Systems will be joining our chapter.

Special BIM Program: A total of 63 members and guest registered to attend this special program November 14th. Program was well received and very informative. We were also glad that 10 students from ITT Technical Institute with their Professors attended the program. This program was the platform for our 50% off membership promotion event. We plan to offer another membership promotion in March. Thanks to our presenters and members for all their help to make this a successful program.

November 8th Drawing: The winner of the BIM book at the drawing held at our regular meeting November 8th was Mike Snowden.

It's time to enjoy the season with family and friends. I look forward to seeing you all at the Holiday party, December 18th.



TIP OF THE MONTH

Celebrate ...

The tradition of friendship ...

The beauty of the Season ...

The opportunity of the New Year ...

May Peace be your gift at Christmas and your blessing all year through!

AIA/CSI PRODUCT SHOW FEBRUARY 26, 2013 LOUISVILLE, KENTUCKY EARLY REGISTRATION DISCOUNT EXPIRES JULY 15, 2012

Sh	ow Prices:	10x10 Booth		\$650.00	
Ac	l Prices: (B&W unless noted)	Business Card		\$ 50.00	
1/4	Page	\$75.00	Full Page	\$150.00	
1/2	Page	\$100.00	Back & Inside Color Covers	\$250.00	
	Note: Non-exhibitors may purchase ½ & full page ads at 2 x price.				

CKC-AIA Association _____CSI- Louisville Chapter _

(Indicate if member of both Associations, however, only one Association discount is allowed)

FAST CONVENIENT REGISTER ON-LINE AT www.aiacsitradefair.org

Exhibiting Company			
Show Contact Person(This information is included in the pro	Title	tributed to attend	lees at the 2013 show)
Street Address			
City/State/Zip			
Telephone	FAX	E-Mail:	<u>:</u>
Marketing Contact			
Street Address			
City/State/Zip			
Telephone	_FAX	E-Mail:	<u>:</u>
Type of Product or Service (20 spaces)			
Additional Workers Badge Request:	Name:		
Phone:	Email:		
Indicate Top 3 Preferences by Booth (Layout of available booths can be view			\$ <u>650.00 each</u>
Ad Space: Bus. Card () ½ page () ½ page () Full page	e() Cover()	\$
My Company will provide a door prize	e for Trade Fair (\$25. Mir	nimum Value)	\$
Less CENTRAL KY CHAPTER AIA As	ssociation Affiliation \$25. OR	.00 Discount	\$()
Less LOUISVILLE CHAPTER CSI Asso		00 Discount	\$()
Less Early Bird Discount (\$50.00 disco	unt through July 15 th) Balance		\$() \$
Billing Address:			
Street Authorized By:	Title	City/State/Zip Date	
E-mail Address for billing contact:			

NOTICE – Booths sold and booth selection on first come first serve basis. Choose Register On-Line option of pay by credit card or mail in check at www.aiacsitradefair.org. Balance is due in full prior to January 31, 2013. Program Guide ad space due January 21, 2013 – Note: \$100.00 charge for booth cancellation- no refund 30 days prior to show date.

AIA/CSI Trade Fair 2013

c/o Patricia A. Sloan - P.O. Box 26 - Harned, KY 40144-0026

Phone/Fax (270) 257-0022 Mobile: (502) 550-5157 Email: <u>psloan43@bellsouth.net</u>

7 SPECFLYER DECEMBER



DATE: November 5, 2012

TO: All Existing and Potential 2013 AIA/CSI Trade Fair Exhibitors & Sponsors

FROM: AIA/CSI Trade Fair Committee

RE: Increase your Exposure: Seminar Request for Proposal, Sponsorships, Program Ads

LOUISVILLE'S LARGEST TRADE FAIR FOR THE CONSTRUCTION INDUSTRY ATTRACTS 400+ DESIGN PROFESSIONALS!

FEBRUARY 26TH, 2013 - GALT HOUSE, LOUISVILLE, KY

EXHIBIT HALL BOOTH SPACE AVAILABLE REGISTER NOW BEFORE IT'S TOO LATE

(Register on-line. Enter Registration Website at www.aiacsitradefair.org)

Seminar Request for Proposal

The 2013 AIA/CSI Trade Fair committee is requesting proposal submissions from companies who would like to provide an educational program to be given at this year's show on February 26, 2013. We currently have plans to provide an opportunity for 3 companies who are exhibiting at the 2013 show to provide an accredited AIA CEU one hour course to be attended by local and visiting architects.

Those companies who plan on exhibiting at the 2013 show and wish to be considered for one of the three openings should submit a proposal consisting of a detailed outline of the planned presentation, their AIA CEU provider number and a list of any special requirements for equipment by mail, fax or email to:

Mr. Steve Goldstein, AIA, CSI, LEED, AP 2013 AIA CSI Trade Fair Committee Chair Luckett & Farley 737 S. 3rd St.

Louisville, KY 40202-2101 Fax: (502) 587-0488

Email: sgoldstein@luckett-farley.com

Submissions need to be received by 5:00 P.M. on November 7, 2012. If your company is selected there will be a charge of \$500.00 in addition to the cost of your booth. We will arrange all necessary space, including set up and breakdown of that space.

The committee will evaluate the submissions and notify the selected participants by **December 07, 2012.** The fee is to be paid in full by January 15, 2013. If you have any questions, please contact Steve Goldstein by email or phone at (502) 585.4181.

Sponsorship Packages

Available sponsorship packages will allow your company to not only support this annual show, but also be recognized in many ways during the event. You do not have to be a registered exhibitor to participate. Please review the attached sponsorship levels and let us know which level of sponsorship best suits your needs. Register on line at www.aiacsitradefair.org or mail your sponsorship package request and payment to AIA/CSI Trade Fair 2013 c/o Patricia A. Sloan, P O Box 26, Harned, KY 40144

Program Ads Get full exposure! Place your ad in the Official Trade Fair Program!

2013 Participating Exhibitor Rates:

Business Card	(2" x 3.5" grayscale)	\$50.00
1/4 Page Ad	(2.5" x 4.25" grayscale)	\$75.00
1/2 Page Ad	(4.25" x 5.5" grayscale)	\$100.00
Full Page Ad	(5.5" x 8.5" grayscale)	\$150.00
Back & Inside Cover	rs (5.5" x 8.5" color)	\$250.00 (Inside Front &Back cover sold out)

2013 Non-Exhibitor Rates

Business Card	(2" x 3.5" grayscale)	\$100.00
1/4 Page Ad	(2.5" x 4.25" grayscale)	\$150.00
1/2 Page Ad	(4.25" x 5.5" grayscale)	\$300.00
Full Page Ad	(5.5" x 8.5" grayscale)	\$500.00

Register for your Ad at www.aiacsitradefair.org . Enter Exhibitor area. Your Ad may be submitted in two ways: Electronically: Submit an Adobe PDF, TIF or JPEG file to psloan43@bellsouth.net Hard Copy: Mail to AIA/CSI Trade Fair 2013 c/o Patricia A. Sloan, P. O. Box 26, Harned, KY. **The deadline to submit Program Ads: January 30th, 2013.**

NEW this year! "Marathon Clips"

Sign up now to participate in a new opporunity being offered at the 2013 AIA CSI Trade Show. In the spotlight will be a silent slide presentation highlighting your products and services. We call this opportunity "Marathon Clips"

Marathon Clips will run continuously throughout the show offering an opportunity for attendees to take a break from walking the exhibit floor and to view the slide presentation. For a nominal fee, your company could be a part of *Marathon Clips* by providing a slide highlighting your product or service to grab the attention of the attendee.

Deadline to participate in this opportunity is January 15th. You may purchase 1, 2, or 3 slide spaces. There is a discount offered to our 2013 Show Exhibitors. Register at www.aiacsitradefair.org and choose the "Registration Site" link. If you are already registered as an Exhibitor, you can add to your original order at any time. Send your slide(s) electronically via email to psloan43@bellsouth.net

2013 Exhibitor:		2013 Non-Exhibitor:
(1 Slide) \$100	•	(1 Slide) \$200.
(2 Slides) \$150		(2 Slides) \$300.
(3 Slides) \$200		(3 Slides) \$400.

Other Sponsorship Opportunities for Exhibitors/Vendors/Contractors

Register on-line at www.aiacsitradefair.org and enter Exhibitor Area or mail your sponsorship package request and check payment payable to CSI Louisville to AIA/CSI Trade Fair 2013 c/o Patricia A. Sloan, P. O. Box 26, Harned, KY 40144 by January 2, 2013.

Platinum (\$2,000 Sponsorship)

Platinum sponsors will be sponsors of the guest speaker/lunch expenses during the show and will receive premium promotion during the event. It is not required to be a booth vendor, and is open to contractors and sales representatives. This level is only open to the first five sponsors.

What you receive:

Full Page Ad and Company Name listed in official Trade Fair Program.

Exposure to 400+ design professionals and specifiers.

Promotional Item and Full Page Flyer, provided by you, will be placed in the attendee Trade fair Tote Bag.

Sponsorship acknowledged throughout Trade Fair event.

Logo on Trade Fair Signage.

Company literature can be placed on Sponsor Promotional Table in the Luncheon area.

Exposure to 3,000+ construction and design professionals through mailings.

- 2 Minute talks by Sponsor during the "Welcome" at luncheon.
- 2 Slides provided by you for Marathon Clips to be shown in Exhibit Hall.

Gold (\$1000 Sponsorship)

Gold sponsors will be sponsor of a food table during the cocktail hour.

It is not required to be a booth vendor, and is open to contractors and sales representatives. This level is only open to the first 10 sponsors.

What you receive:

Half Page Ad and Company Name listed in official Trade Fair Program.

Exposure to 400+ design professionals and specifiers.

Promotional Item and Full Page Flyer, provided by you, will be placed in the attendee Trade fair Tote Bag.

Sponsorship acknowledged throughout Trade Fair.

Logo on Trade Fair Signage.

Sponsor Signage placed in the Cocktail Hour room area.

1 Slide provided by you for *Marathon Clips* to be shown in Exhibit Hall.

Silver (\$500 Sponsorship)

Silver sponsors will be general attendees during the show.

It is not required to be a booth vendor, and is open to contractors and sales representatives. This level is only open to the first 15 sponsors.

What you receive:

Company Name listed in Program.

Exposure to 400+ design professionals and specifiers.

Promotional Item provided by your company will be placed in the attendee Trade Fair Tote Bag.

Sponsorship acknowledged throughout Trade Fair.

1 Slide provided by you for *Marathon Clips* to be viewed in Exhibit Hall.

Thank you for your support of the AIA CSI Trade Fair. See you there!

Sincerely,

Steve Goldstein, AIA, CSI, LEED, AP

2013 AIA CSI Trade Fair Committee Chair

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And dcurth@ajrcarchitecture.com

CALENDAR

DECEMBER 18TH AIA/CSI Holiday Party JANUARY

10TH Board Meeting 10th Chapter Meeting