

SEFA SCOPE

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SPRING 2007

News of the Scientific Equipment and Furniture Association

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SEFA GOES TO HARVARD (& M.I.T., TOO) Spring Meeting at the Cambridge Hyatt Regency, April 24-26.

Start practicing rolling your Rs (try pahk-ing your cah in Hah-vahd yahd) for three days of intensive workshopping on the green labs of the future at the very hub of American higher education, and the world capital of university-based laboratory research. We'll gather for SEFA's annual Spring Meeting, from Tuesday through Thursday, April 24-26, at the Hyatt Regency hotel in Cambridge, Mass., and our busy agenda is jam-packed with discussions and tutorials you won't want to miss.

"The Hyatt is perfect for our needs," SEFA Executive Director David Sutton said after booking the hotel. "They offer a fully-equipped business center, of course, but the rooms are not only beautiful but business-friendly, too, with large work desks and high-speed Internet access in every room, and an indoor lap pool and walking trails along the Charles River if you want to work out some of those sitting-down-too-long kinks."

Roll up your sleeves, because we go to work immediately on Tuesday, April 24. After morning registration, the afternoon is booked solid with committee meetings. A Welcome reception and dinner in the Charles View Ballroom caps the evening, and then we'll gather early Wednesday morning for one of the most exciting, information-packed days of any SEFA meeting.

The Lab of the Future: Discoveries by Design

This Wednesday workshop will focus on the future of lab design and operation, and what this means for the various stakeholders involved in designing, building, operating, and using a laboratory. The program is intended to be interactive with lots of time for discussion and sharing of ideas between SEFA members and the representatives from EH&S, lab occupants, and operations.

Some of the ideas that will be explored will include what it means to be a "green lab" and why it's so important, what safety and ergonomic issues are facing labs today; and what role equipment manufacturers, designers and architects, building operations staff, and lab users will play in defining the lab of the

future.

Presenters will include introductory speakers Prof. John Spengler, who wowed us all with his challenging presentation at our Fume Hood Symposium in Nashville in 2004, and who is Harvard's Akira Yamaguchi Professor of Environmental Health and Human Habitation, Department of Environmental Health; and Jaclyn Emig, Program Manager, Harvard Green Campus Initiative. They'll introduce an Overview of Green Building Design, of Harvard's activities and commitments, and of why labs play such an important role in future greenhouse gas reduction strategies.

SEFA Chairman Rick Johnson will present an update on the current status of the LEED Application Guide for Laboratories

In a case-study presentation on The Future of Lab Design – Going Green, Lisa Hartman of Genzyme Corp. will explain how her company went green. And Jack McCarthy of Environmental Health & Engineering will speak about green design in a hospital environment.

On the Importance of Ergonomics in Labs, Michael Labosky, Associate Director, Science Program-Cambridge Allston Campus, Harvard University Environmental Health & Safety, will outline the ergonomic issues seen in labs today, and Jack Dennerlein, Associate Professor of Ergonomics and Safety, Department of Environmental Health, Harvard School of Public Health, will illustrate what good ergonomics in labs looks like.

During our Building Operations Perspective working lunch, Gordon P. Sharp, Chairman of Aircuity, and Danny Beaudoin, Manager of Operations, Energy & Utilities, Harvard School of Public Health, will discuss Demand-Based HVAC management. Other speakers will present an overview of building operations and maintenance issues with lab design, equipment, and furniture.

There'll be plenty of time, all through the workshop, for Q&A and open discussion between presenters and the audience, before we leave for our Wednesday afternoon lab tour of a green building at the Massachusetts Institute of Technology (M.I.T.).

The day's events will be capped off by a reception and dinner at the Boston Museum of Science.

PAGE 1

Sefa Goes to Harvard Spring Meeting - Cambridge Hyatt Regency

PAGE 2

Sefa Asia Debuts in Shanghai, China

Sefa/Labs 21 A Smash Success in San Antonio

PAGE 3

Sefa Fall Conference paired with Labs 21 Show in Charleston

From The Director's Desk - We Get Picture Postcards

Chairman's Report - What A Year We Have Ahead

SEFA ASIA DEBUTS IN SHANGHAI, CHINA, SEPT. 5-7

SEFA has been an international organization – and force – for several years, with firms representing companies from around the world welcomed to our membership. But now SEFA itself will venture outside the borders of the U.S. for the first time, as we hold our first-ever international meeting – SEFA Asia 2007 – at the Regent Hotel in Shanghai, China, September 5-7.

Why Asia? Why China? In recognition of the fastest-growing market in the world for laboratory equipment and services – and of that huge market's need for information and assistance on recommended practices, sustainability and safety.

Karl Aveard of Design for Science and So-Yeng Chen of Dalton USA have made it all happen. They have put together a three-day agenda that will introduce attendees – Asian members of SEFA and potential new members – to the concept of SEFA and industry-wide standards and practices, including a workshop on SEFA membership, qualifications, benefits and responsibilities.

Corporate sponsors will make presentations, and other presenters will conduct workshops on SEFA Recommended Practices, i.e.: SEFA 1- Fumehoods; SEFA 8 – Casework; SEFA 7 – Work Surfaces; and Labs21 (U.S. Department of Energy, U.S. Environmental Protection Agency and I2SL) on "Sustainable Labs for the 21st Century." There will also be a virtual tour of a North American lab.

Keynote speaker Dan Watch of the international firm of Perkins + Will, who has extensive laboratory-project experience in and around Shanghai, will also address the conference on the subject: "Science is Golden." He will discuss the many opportunities in the global economy to do research, focusing on the "new sciences" in the marketplace, i.e.: mineral science, nanotechnology, biocontainment, genomics, and stem cells, to name a few. In addition, Tom Smith, President of Exposure Control Technologies of North Carolina, will deliver a keynote address on the "Verification of Proper Fume Hood Performance through Testing and Commissioning."

What else? Meetings, gatherings, dinners and dozens of opportunities to meet, mingle and network in the heart of the fastest-growing market in our international industry – a great opportunity for any SEFA member interested in Asia or in China in particular. For information about participation, contact SEFA World Headquarters, phone 516-294-5424, email sefalabs@aol.com.

SEFA/LABS21 A SMASH SUCCESS IN SAN ANTONIO

The partnership is historic, it's official, and now it's a genuine, bona fide success! Our partnership agreement with the International Institute for Sustainable Laboratories (I2SL), the co-sponsor of the Labs21 Annual Conference Technology and Service Fair, debuted in San Antonio last October, and the results couldn't have been better.

Better Attendance, Greater Participation

Just as SEFA Chairman Rick Johnson of Thermo Fisher Scientific predicted, more SEFA members were able to attend both Labs21 and the SEFA Fall Conference because they were coordinated – held together at the same time and in the same place.

25 SEFA member companies showcased their latest and most innovative products at Labs21, and enjoyed a \$500 partnership discount on their booths. (And not just by the way, our own booth #29 was one of the busiest spots at the fair.) What's more, more than 50 SEFA members went to work on our own Fall 2006 agenda (20 different committee meetings, plus Business, Board and Operation Asia meetings) in our conference rooms at the Henry B. Gonzalez Conference Center. "That very satisfying turnout speaks for itself," Rick said, "and because of it we probably got more done, with more people participating, than ever before."

We participated in pre- and post-conference events that included educational courses on sustainable design, symposia and workshops on issues facing facility designers, and heard major addresses by Juan Enriquez, founding director of Harvard Business School's Life Science Project and CEO of Biotechnology, and Kevin Hydes, Chair of the U.S. Green Building Council.

How successful was our Labs21 partnership? Just ask the SEFA members who were there ...

***"I could not be happier."* – Bob DeLuca**

"I'm very pleased with the success of the SEFA/Labs21 conference in San Antonio. The participation of the exhibitors was at its best and the list of attendees and speakers represented the top companies in our industry. I'm confident that as time goes on this will become the show/conference to attend if you are planning a new or renovated laboratory. Personally I could not be happier with the end result."

*Robert A. DeLuca, President/CEO
Metal, Lab, Air Crafters*

***"I recommend the event to all SEFA members."* – Dana Dahlgren**

"Kewaunee has participated in the Labs21 program for the past several years, including this year's event in San Antonio. The event draws a terrific group of laboratory design influencers, and, with the SEFA partnership, provides a great platform for advancing our organization's effectiveness in our industry. SEFA's RP's can only be effective if the lab design industry understands and embraces them. Labs21 provides an excellent forum to this end. Kewaunee will be participating again in 2007, and I recommend the event to all SEFA members."

*Dana Dahlgren, Vice President of Sales & Marketing
Kewaunee Scientific Corporation*

"We found the time spent there to be extremely fruitful."

Ken Dixon

"We displayed our Green 100% recyclable lab furniture and hoods at the Labs21-Green symposium, co-sponsored by SEFA, in the fall of 2006 in San Antonio. The clientele who visited our booth were professional people who knew what their needs were and therefore asked challenging and meaningful questions. We found the time spent there to be extremely fruitful. In addition, the technical sessions covered diverse Green topics in deep and thorough fashion."

*Ken Dixon
Air Control, Inc.*

"GROWING THE PARTNERSHIP" SEFA FALL 2007 CONFERENCE WILL BE PAIRED WITH LABS21 SHOW IN CHARLESTON (S.C.) OCTOBER 2-4

"We're not just continuing, we're growing this successful partnership," said SEFA Executive Director David Sutton, in announcing that the SEFA Fall Conference, scheduled for October 2-4, will be held in conjunction with the Labs21 2007 Annual Conference October at the Charleston Area Convention Center Complex (CACCC) in North Charleston, South Carolina.

For an advance look at Labs21 2007, go to www.labs21century.gov/

FROM THE DIRECTOR'S DESK

WE GET PICTURE POSTCARDS.

How important can a picture postcard be?

Very, if the postcard comes from St. Petersburg, Russia, and the writer is inquiring about SEFA. Or if it's from Australia, or, like the many others we've received at SEFA World Headquarters in Garden City, from every corner of the globe.

They're important because what they signify is the growing influence and importance of SEFA all around the world – and the world-wide need for the kind of information and guidance that only SEFA provides in our international industry.

How far we've come in nineteen years. From a 1988 gathering of a few farsighted professionals who recognized the need, and saw the opportunity to professionalize our industry through the introduction of standards and recommended practices – to today's world-wide organization that has transformed that industry and influenced laboratory design, manufacture, installation and maintenance on every continent.

And nothing signifies that better than SEFA Asia 2007, our first-ever meeting outside the U.S.A., September 5-7 in Shanghai, China, and the Fall 2007 Conference at which our informal Project Asia group will be upgraded to a SEFA standing committee. Congratulations, So-Yeng Chen, for your two years of work bringing it all together, and to you and Karl Aveard for the great job you've done in planning the agenda and organizing the hundreds of details that have gone into making SEFA Asia 2007 the success it is bound to be.

*David Sutton
Executive Director, SEFA*



CHAIRMAN'S REPORT

WHAT A YEAR WE HAVE AHEAD OF US!

I am really looking forward to the Cambridge meeting. Those three days in April are going to be an excellent opportunity for gathering together and idea sharing with design professionals, facilities personal and academic leaders.

The April 25th meeting and workshop – "The Lab of the Future: Discoveries by Design" – with its focus on laboratory design and operations, ergonomics in the workplace and the "greening" or LEED implications in laboratory construction (the focus of my own presentation), looks to be one of the most instructive days we will all ever spend together. The line-up of speakers and presenters, from early morning through working lunch and into the evening, is very impressive, and I'm sure you will also be interested in our scheduled discussion regarding the ambitious construction plans in Allston, Massachusetts.

And, of course, with our full schedule of vital committee and business meetings, this is one Spring meeting from which every member of SEFA can bring home useful ideas and business strategies. I look forward to seeing you all in Cambridge in April.

A 2007 By-Law Amendment

We are considering one of the most important changes we will ever make in the membership of SEFA, a 2007 by-law amendment to create a new class of non-voting membership referred to as "Sustaining" Members. The language of the proposed by-law amendment reads:

"A sustaining member is a company that purchases laboratory furniture and related equipment manufactured by others and enters into subcontract agreements to facilitate building projects or is a company that installs laboratory furniture and related equipment manufactured by others."

This expansion and re-definition of membership in SEFA – if approved by you at our April Cambridge meeting – is important to the long-term strategic goals defined and adopted by our organization. This new class of (non-voting) membership is critical to defining the RP (Recommended Practice) as outlined for "Certified Installation /Installers," and is a matter that should be given careful consideration by every voting member of SEFA. We've added a "sunset" clause to the amendment, in effect making this a two-year experiment, but even a 24-month "let's see" experiment is a serious consideration. Consider your vote in Cambridge carefully, and let me hear all of your thoughts and ideas.

What a Showcase for SEFA in San Antonio

The San Antonio/Labs 21 first-ever SEFA Technology and Service Fair was a best-ever showcase of the best practices and products our associates and executive members represent. More than 50 SEFA members exhibited "green" materials, products and services related to the DOE/EPA Labs21 initiatives for laboratory building types, and I was delighted by the traffic and activity around our own SEFA booth.



(continued from page 3) (Chairman's Report)

We were positive even before the conference last fall that our new partnership was going to be a win-win for both participants, and San Antonio proved the predictions right. Our participation in Fall 2006 Labs21 opened up new contacts and opportunities for participating SEFA members, and gave Labs21 broader reach and scope. Long term, this partnership is a strategic fit and strengthens SEFA's continuing commitment to and belief in sustainability and best practices.

Wow, what a year we have ahead of us: Cambridge and "The Lab of the Future" in April; our first-ever international meeting - SEFA Asia in Shanghai in September; and Fall 2007 Labs21/SEFA Technology and Service Fair in Charleston in October. I look forward to it all, and to meeting as many of you as can make it to these events.

Rick Johnson

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opportunities go to:
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SEFA World Headquarters

1205 Franklin Avenue - Suite 320
Garden City, New York 11530

Phone: 516.294.5424 • Fax: 516.294.4765 • Email: sefalabs@aol.com

Executive Director: David J. Sutton, CAE, JD
SEFA Scope Editor: John Rafferty/On Paper
SEFA Scope Design & Production: Minuteman Press, Merrick, NY 11566
(516) 546-2312

Please direct your letters and/or article submissions to: SEFA Scope, at one of the mail, fax or Email addresses listed above.

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