

# International Institute for Sustainable Laboratories

## Labs21 Annual Conference Fact Sheet



Laboratory and high-tech building professionals know where to go for the latest industry innovations, information, technologies, and networking opportunities: the Labs21 Annual Conference.



**Celebrating More Than a Decade as the Premier International Event for Sustainable Laboratories!**

In 1999, the U.S. Environmental Protection Agency (EPA) and the U.S. Department of Energy (DOE) launched the Laboratories for the 21st Century (Labs21®) program as a voluntary public-private partnership to promote the sustainable design, engineering, and operation of U.S. laboratories. As part of the Labs21 program, the agencies host the Labs21 Annual Conference to highlight recent advancements in laboratory sustainability and to provide the industry with a unique forum for information exchange and education. The International Institute for Sustainable Laboratories (I<sup>2</sup>SL) was selected as the official conference cosponsor in 2006 and has since been working to expand and improve the event.

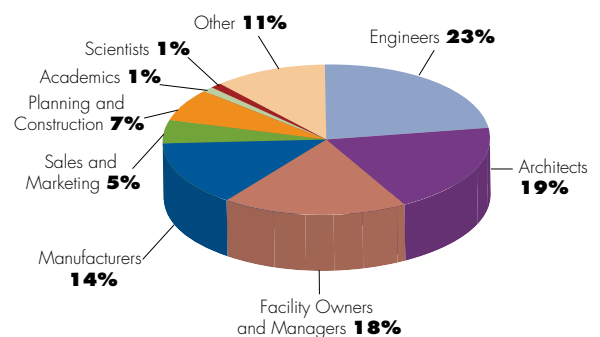
### Conference Demographics

The Labs21 Annual Conference is the nation's premier event for industry professionals dedicated to the sustainable design, construction, and operation of laboratories and high-tech facilities. Attendees include:

- Public and private laboratory owners, managers, designers, engineers, and builders
- Researchers
- Students
- Policymakers
- Equipment manufacturers

Labs21 Annual Conference Locations	
2012	San Jose, CA (Planned)
2011	Providence, RI
2010	Albuquerque, NM
2009	Indianapolis, IN
2008	San Jose, CA
2007	Charleston, SC
2006	San Antonio, TX
2005	Portland, OR
2004	St. Louis, MO
2003	Denver, CO
2002	Durham, NC
2001	Washington, DC
2000	San Francisco, CA
1999	Cambridge, MA

**Typical Percentage of Attendees by Profession at the Labs21 Annual Conference**



Contact I<sup>2</sup>SL: [www.i2sl.org](http://www.i2sl.org) • [labs21@i2sl.org](mailto:labs21@i2sl.org) • 703-841-5484

*I<sup>2</sup>SL is the official cosponsor for the Laboratories for the 21st Century (Labs21®) Annual Conferences and Workshops.*

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## Conference Agenda

The Labs21 Conference offers a variety of session formats, including:

**Opening Plenary Session**—The official conference kickoff, featuring a keynote presentation by a prominent, forward-thinking industry or academic leader. Conference keynote speakers have included:

- The Honorable Lowell Weicker, Jr., president of the board of directors of Trust for America's Health and former governor and congressman
- Dr. Jonathon Trent, senior scientist, National Aeronautics and Space Administration Ames Research Center
- Dan Darrach, director of the Office of Science and Technology Cooperation, U.S. Department of State
- Dr. John Lechleiter, chairman, president, and CEO of Eli Lilly and Company
- Dr. Marcia McNutt, president and CEO of the Monterey Bay Aquarium Research Institute
- Dr. Chris Field, director of the Department of Global Ecology at Stanford University
- Juan Enriquez, founder, chairman, and CEO of Biotechonomy
- Kevin Hydes, chair of the U.S. Green Building Council and president and CEO of Keen Engineering
- Dr. Dan Arvizu, director of DOE's National Renewable Energy Laboratory

**Technical Sessions**—Thirty-minute presentations covering a variety of topics such as:

- Sustainable architecture and engineered systems
- Energy supply, renewable technologies, and reliability
- Financing and economics
- Mechanical, electrical, and plumbing systems
- Equipment, supplies, and furniture
- Operations and maintenance
- Specialty laboratories and other high-tech facilities such as data centers, cleanrooms, and hospitals

## DID YOU KNOW?

Most technical sessions offered at the Labs21 Annual Conference qualify for continuing education credits.

**Poster Sessions**—A unique forum showcasing some of the world's most innovative projects and their incorporation of sustainable design.

**Symposia**—A focused track of sessions that provides attendees with an in-depth look at topics pertinent to the laboratory and high-tech facility community. These sessions are designed to encourage and facilitate open discussions between the presenters and the audience.

**Morning Roundtable Sessions**—Informal, open discussions for attendees to share ideas about new trends, issues, and other emerging topics related to laboratory design, engineering, and operation.

**Tool-Torials**—Late-morning sessions that encourage informal discussions among attendees and cover useful tools and resources that the audience can use to improve their facility's energy-efficiency.

**Roll Up Your Sleeves Roundtable Sessions**—An opportunity for attendees to informally present their planned or ongoing projects to gain insights from Labs21 Annual Conference attendees.

**Technology Demonstrations**—Educational presentations that feature Technology and Services Fair exhibitors' sustainable equipment and demonstrate how various industry tests and procedures are performed.

**Sustainable Laboratory Equipment Sessions**—Allow vendors to provide technical information on how their laboratory equipment and systems reduce energy and water consumption, improve environmental performance, and enhance overall building management, while also meeting the requirements of the users.

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## Technology and Services Fair

Labs21 hosts a Technology and Services Fair in conjunction with its annual conference. This venue showcases the latest in sustainable, innovative laboratory technologies from the industry's leading manufacturers and service providers. Labs21 Technology and Services Fair products and services include:

- Fume hoods
- Furniture and casework
- Water purification systems
- HVAC equipment
- Commissioning services
- Security systems
- Energy technologies

The first Technology and Services Fair took place in 2002 and included 28 exhibitors. In 2011, the event featured nearly 70 different companies.

## Offsite Tours

Labs21 holds its annual conference in a different region of the country each year so that attendees can gain a broader perspective on both local and national laboratory sustainability challenges and solutions. As part of this effort, I<sup>2</sup>SL organizes offsite tours of local laboratories and high-tech facilities that showcase green building efforts. These tours provide attendees with an opportunity to tour uniquely sustainable facilities while relaxing and networking with other attendees.

## Go Beyond Awards

I<sup>2</sup>SL launched the *Go Beyond* Awards in 2008 to honor the individuals, organizations, projects, and manufacturers that “go beyond” the status quo to minimize the environmental impacts of laboratory and other high-tech facilities. Winners receive awards and certificates in a ceremony during the conference.

## International Outreach

I<sup>2</sup>SL is committed to building international partnerships and promoting the Labs21 Annual Conference to an international community. Dozens of countries have been represented at the Labs21 Annual Conference, and international attendance increases each year. The conference provides international attendees with information and ideas that they can apply to projects in their home countries.

## Training Opportunities

Prior to conference kickoff, attendees can participate in one or more pre-conference training workshops. These workshops cover topics including introductory laboratory design, advanced ventilation systems, commissioning, and laboratory lighting controls. Courses typically offer attendees the opportunity to earn between three and six continuing education credits through the American Institute of Architects, Green Building Certification Institute, and other professional organizations.

## Sponsorships

I<sup>2</sup>SL offers a range of sponsorship options for companies wishing to support the Labs21 Annual Conference while increasing their exposure before, during, and after the event. Opportunities include special event sponsorships (e.g., tours, receptions, keynote speakers), general conference sponsorships, merchandise sponsorships (e.g., tote bags, lanyards), and advertisements in the conference program.

## Additional Information

Please contact I<sup>2</sup>SL if you have any questions or would like additional information on the Labs21 Annual Conference. Details on upcoming Labs21 Annual Conferences can be found online at [www.i2sl.org/labs21/conference/index.html](http://www.i2sl.org/labs21/conference/index.html).

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