



International E-Waste Design Competition

Sponsors



ILLINOIS

Important Dates

January 4 - Registration Opens

Deadline Extended:

May 9, 4:59 PM CT - Registration Closed

May 31 - [Awards Announced Online](#)

Home

Rules

Eligibility

Categories

Judging Criteria

Registration

Agreements

Organizer Rights

Register

Awards

Prizes

Results

Schedule

Jury

Sponsors

Contacts

Resources

Past Competitions

Follow Us On



Jury

Juror invitations have gone out to industry leaders representing Fortune 500 companies such as Google, Microsoft, the U.S. EPA, Boeing, Dell and others. Jurors will be announced as they are confirmed.

The following individuals are among the jurors for the 2011 competition.

Roger Franz

Senior Research Engineer, UL Environment

Roger received degrees in chemistry from Grinnell College, Grinnell, IA (BA) and Northwestern University, Evanston, IL (MS). He is a certified Six Sigma Green Belt and is a licensed user of TRIZ, The Theory of Inventive Problem Solving. While employed at Motorola, he led groups in failure analysis, product development, environmental compliance, and design quality. He has developed and put into production mobile phones with reduced environmental footprint, for which he received a CEO EHS Award. He also developed methods for the life cycle assessment and optimization of electronics products. He previously held engineering and management positions at Shure, an audio electronics manufacturer, and worked in biomedical research at the University of Chicago. His research interests include environmental technology, smart materials, and novel electronic devices. He has four patents pending. In his spare time Roger enjoys bicycling and outdoor activities, music, and spending time with his wife, 3 children and 2 dogs.



Roger has presented numerous internal company papers, and has been a speaker and moderator at conferences at the University of Illinois, IEEE, ASQC, IPC/JEDEC, and ASM. His publications have appeared in over a dozen journals including *IEEE Circuits and Devices Magazine*, *Electronic Design*, *Electronic Packaging & Production*, *Quality*, *Electronics Test*, *Evaluation Engineering*, *Recycling Today*, *Clinical Chemistry*, *The Chicago Reader*, *EQ*, and *Pro Sound News*.

Susan Kingsley

Artist/Metalsmith/Activist

Susan Kingsley is an artist with a interest in making objects and investigating how social and cultural values are communicated by "things."

She holds an MF in visual arts from Vermont College, Montpelier, Vermont. Her work has been exhibited and published widely. She has written articles on craft, culture and environmental issues and is the author of a technical book about die forming for jewelers and metalsmiths.

She taught metalsmithing at Monterey Peninsula College and has conducted numerous workshops throughout the United States and Canada.

Susan is co-founder of Ethical Metalsmiths, a not-for-profit organization leading metalsmiths and jewelers in addressing the complex environmental and social issues associated with mining.



Ki-chol Nam

Associate Professor, Department of Industrial Design, College of Design and Art, Yeungnam University

Since 2004, Nam Ki-chol, professor at Yeungnam University, has served as Deputy Director of the Convergence Design Center, sponsored by the Korean government promoting a convergent design school education project.

Professor Nam graduated from Kookmin University, and acquired affluent experience in various home appliances while working as a senior researcher for Daewoo Electronics, Design Research Center for five years. Some of the designs he worked on included: washing machine, European washing machine, cleaner, Japanese-style vacuum cleaner, stick-type handy cleaner, boiler, and VCR. To design European-style washing machine and Japanese-style cleaners, the professor promoted local design while staying in France and Japan for months respectively and engaged in research on the characteristics of local users and market. As a researcher of a R&D team, he also analyzed various design strategy researches and design trends.

To further refine his design skills, he went to the U.S. and attained a master's degree from University of Illinois at Urbana-Champaign. He commenced a professorship after attaining that degree, and worked as an assistant professor at University of Illinois at Urbana-Champaign for three years from 2001.

Professor Nam introduced his design study through three private exhibitions. In addition, he has a great deal of interest in computer aided design and Inclusive Design. The professor currently lives in Daegu, South Korea with his lovely wife, a daughter and a son.



Bill Olson

Director, Office of Sustainability and Stewardship, Mobile Devices Business, Motorola, Inc.

Bill Olson is Director of the Office of Sustainability and Stewardship for Motorola Mobile Devices, leading a key corporate initiative named ECOMOTO. In his role, Bill drives go-to-market strategy for green mobile device products and technologies, and has championed the adoption of ECOMOTO principles across several Motorola business units. ECOMOTO focuses on the realization of environmentally sound, seamless Motorola mobile products and seeks to deliver sustained business impact through green materials and innovative ecodesign practices as can be found in the world's first carbon free phones built with post consumer recycled plastic: W233 RENEW and MOTOCUBO A45 ECO and the world's first "green" android phones introduced in 2010 - CITRUS and SPICE.

Bill started the ECOMOTO initiative during his previous role in Motorola Corporate Research, where he headed labs dedicated to International and Environmental Research. Bill's team in Europe conducted testing on hundreds of Motorola products to ensure they met environmental regulatory requirements of the EU (WEEE/RoHS), American and Asian markets. His lab in China worked closely with manufacturing, engineering and the supply chain to achieve improvements in factory productivity, yield and product reliability.

Bill first joined Motorola's automotive group in 1992, where he implemented the first VOC-free conformal coating for engine controls. He also drove a variety of cost reduction teams for the engine auto body/control businesses.

Bill graduated from the University of Wisconsin-Madison with a Ph.D. in Inorganic Chemistry. Bill has 23 US patents and more than 40 technical publications.



John Pflueger

Principal Environmental Strategist, Dell, Inc.

John Pflueger, Ph.D., is Dell's Principal Environmental Strategist. In this role, John is responsible for driving Dell's strategy on issues around Environmental Sustainability - including Energy, GHG Emissions, Materials of Concern, Material Use/Recovery/Reuse, and Water. Prior to this role, John was Dell's subject matter expert on data center energy efficiency and managed initiatives to help customers improve the productivity of their computer systems and facilities. Since graduating from MIT in 1991 with a Ph.D. in Mechanical Engineering, John has spent nineteen years in manufacturing engineering, product development, product marketing and product management roles in the high-tech industry. John currently serves as a director for The Green Grid and as a participant in The Green Grid's Technical Committee.



Clive Roux

CEO, Industrial Designers Society of America

Clive Roux, IDSA, is the CEO of the Industrial Designers Society of America (IDSA). He joined IDSA in September of 2009 after serving as Chief Marketing Officer for Baumgartens and a former design leader with internationally-renowned Philips Design. He has significant global experience across the design disciplines—including four years working in Africa, seven years in Europe, seven years in Asia and ten years in the US.

Roux spent 15 years building and running global multi-disciplinary creative groups for Philips Design, where he developed and motivated key people within the teams to deliver strong design results. A true design evangelist, he uses design to help business create financial and market success, and is well-versed in motivating and developing the business sensitivity of creative professionals in order to help them understand what aspects of their creativity will develop business value for companies.

Roux began his career with Philips Design in 1990 in Eindhoven, The Netherlands, as Senior Designer, large screen television. In 1993, he was asked to go to Hong Kong as part of a turnaround team tasked to bring Philips' Portable Audio Business back to profitability, a task at which he was immensely successful. Between 1993 and 1997, as Branch Manager and then Senior Design Manager for Philips Global Audio, Roux developed three multidisciplinary design studios in Hong Kong, Singapore and Vienna, and a satellite studio in India. During this time, he introduced a research-based, consumer-focused, analytical approach to design which gained the trust of the business and trade alike. He also was instrumental in defining the visual design language of Philips Audio products and packaging. Roux's efforts contributed to a global market share growth for the Audio Group from 3.5 to 9.9 percent between 1994 and 2000. He helped achieve global market-share leadership in four out of the seven audio categories.

In 2000, Roux became Senior Design Director for Philips Consumer Electronics in the US. In this role he supported the development of the Philips brand in the US, and had responsibility for creating visual communication material and web sites to support the introduction of new products and technologies here. Successes during this period included the launch of Philips' DVD recorder as well as widescreen and flat televisions. From 2003-2007, he became Senior Director of new business and design research in the US, creating a successful sales and marketing function to drive the development of design consulting with external companies. He also developed thought leadership in the area of retail and a US voice for the global design research team. In this role, he achieved new business growth of over 100 percent a year for four years. Roux developed relationships with important Fortune 500 companies including Procter and Gamble, Coca-Cola and General Motors, delivering one of the biggest projects for GM in 2006, when he demonstrated potential for in-car consumer experiences in a fully working car.

