

CONTINUING THE SUCCESS

STORY OF 2012

- » 50% of participants from abroad (30% Europe, 20% overseas)
- » 180 speakers & 43 sessions
- » 450 participants from 36 countries



ORGANIZATION

Special activities

- » Technical tours
- » Evening reception
- » Interactive workshop sessions, Provoquium
- » Poster session

Conference venue

The Dahlem Cube Seminaris Hotel is a masterpiece of modern architecture by Helmut Jahn, Chicago. The conference center, designed in the shape of a glass cube, is situated in the southwest of Berlin, in the leafy district of Dahlem.

Registration

Register online from May 2016. The regular registration fee will be 950 € (early bird), incl. all lunches, day-time refreshments, evening events and WiFi Access. Sign in for conference newsletter to keep up to date.



Contact

Fraunhofer IZM

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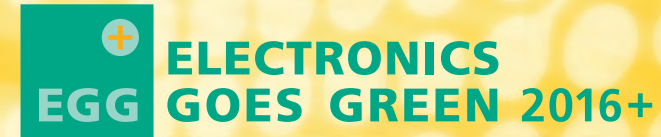
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JOINTLY ORGANIZED BY:



International Congress



SEPT 7 – 9, 2016 | BERLIN, GERMANY



GOING GREEN – A COOPERATION OF THE WORLD'S LEADING CONFERENCES:



CARE Innovation
Austria



EcoDesign
Japan



ISSST
USA



Electronics Goes Green
Germany



Emerging Green
USA

Organized by: Fraunhofer Institute for Reliability and Microintegration IZM, Berlin and Technische Universität Berlin

www.electronicsgoesgreen.org

WELCOME

The upcoming Electronics Goes Green conference 2016 is an outstanding event for the growing global community of scientists, product developers, and business managers working on the task of improving the environmental properties of technologies and products along the value chain of the electronics and ICT industry. Over the past years the scientific topics and industrial implementation tasks have evolved with the same dynamics as the technology itself. Advanced assembly strategies of electronics for example have increased reliability and realized environmental improvement potentials on a large scale. The recent developments in energy efficiency of power electronic devices and modules are a perfect example.

At the same time, the technological progress creates new challenges. Product types and manufacturing volumes are increasing, many products tend to get obsolete faster, the material composition of devices become more exotic, and the complexity of the manufacturing processes is practically visible in the skyrocketing costs of new labs and fabs. I would like to invite you to a scientific conference that explores the currently changing facets of today's and future green electronics. Fraunhofer IZM is very proud to be a stakeholder in this field and has been the organization behind the conference from the beginning.

The same way electronics persistently meanders between highest visibility and invisible functionality in all areas of our life, the same way we are tasked to follow and anticipate the visible and invisible ecological, economic and social implications of this growing diversity. Please open your mind to these new shades of green electronics and share your thoughts and findings at the conference.

Does this vision appeal to you?
Then save the date for **Electronics Goes Green 2016+**

Klaus-Dieter Lang

Klaus-Dieter Lang
Electronics Goes Green 2016+
Chairman



■ CONFERENCE SCOPE

- » World's leading conference on electronics & the environment
- » Meeting point for business developers, technology experts, researchers and policy designers
- » Innovative solutions for your specific green visions



■ PRELIMINARY PROGRAM

TRACK Green Electronic Products and Applications

- » Greening information and communications technologies in industrial, mobile and home applications
- » Sustainable electronics systems for automotive, automation, infrastructure and energy supply: balancing reliability, sustainability and costs
- » Measuring and communicating green ICT: standards and indicators to improve the material and energy efficiency

TRACK Circular Economy pushing repair, reuse, remanufacturing and new business models

- » Extended value chain through remanufacturing, maintenance, repair and reuse
- » Business models for circular economy: innovative strategies to close the loops
- » Measuring and improving the recyclability

TRACK Circular Economy pushing innovative WEEE treatment

- » Guiding principles: current and future WEEE policies and legislations around the world
- » Closing the information gaps between producers and recyclers
- » Smart disassembly: intelligent mechanical pre-treatment
- » Closing the loops for plastics
- » Globalized e-waste management

TRACK Circular Economy: Focus on Critical, Conflict and Precious Metals

- » Understanding stocks and flows of metals in the urban mine
- » Efficiency of the resource uses including metals for soldering
- » Recycling of precious and critical metals: pathways and technologies
- » Conflict minerals: governance and supply chain certifications

TRACK Governance: Corporate responsibility, Labelling, Standards and European Regulations

- » REACh, RoHS and chemical restrictions
- » Supply chain management: testing and database solutions for managing hazardous substances
- » Eco-design requirements: promoting eco-innovative products
- » Environmental assessments of products and services: methods and tools
- » Social responsibility: companies towards sustainable development
- » Compliance with the WEEE legislation
- » Trends and societal developments

■ PROGRAM & CHAIRS

Program

- Tuesday, September 6, 2016
- » Technical Tours, e.g. guided IFA-Tour
 - » iNEMI Workshop
 - » Get Together

Wednesday, September 7, 2016

- » Opening, Keynotes
- » Sessions, Poster Session
- » Evening Reception

Thursday, September 8, 2016

- » Sessions, Poster Session
- » Workshops, "Provoquium"

Friday, September 9, 2016

- » Sessions, Poster Session
- » Panel Discussion
- » Closing

■ INTERNATIONAL BOARD

Conference Chair

Klaus-Dieter Lang
Technische Universität Berlin
and Fraunhofer IZM

International Co-Chairs

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Fraunhofer IZM
Fraunhofer IZM
Technische Universität Berlin

■ ORGANIZATION

Important Dates

- » Publication of the preliminary program
May 31, 2016
- » Start of the online registration
May 4, 2016
- » Early bird registration ends
June 30, 2016

Publication policy

- » Proceedings distributed online before and during the conference
- » All submissions under non-exclusive copyright



For more information, please check our website
www.electronicsgoesgreen.org

Language

The official conference language is English.

**ONLINE REGISTRATION STARTS: May 4, 2016
(Early bird until June 30, 2016)**