



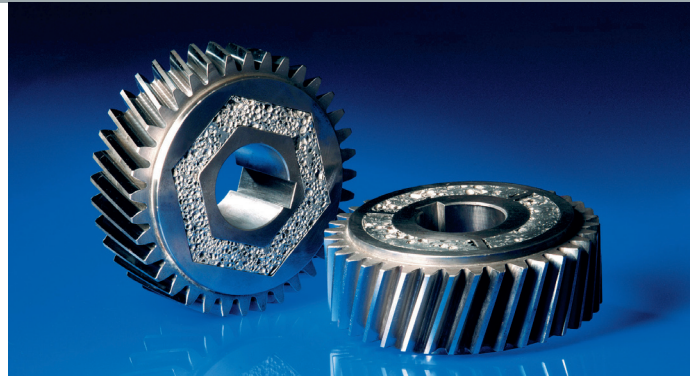
»Green Technology made in Germany« is an exciting event initiative of Fraunhofer in Japan. The event is held every two years, showcasing cutting edge technologies, innovation and solutions with sustainable approaches. This year's symposium focuses on »lightweight design«.



**18. NOVEMBER, 2013,
MON. 10:00 – 17:20,
TOKYO INTERNATIONAL
FORUM, HALL D7**

LIGHTWEIGHT DESIGN GREEN TECHNOLOGY MADE IN GERMANY

09:30 – 10:00	Registration
10:00 – 10:30	Inaugural Session
10:00 – 10:15	Opening Remarks and Introduction on Lightweight Design at Fraunhofer Prof. Andreas Büter, Fraunhofer Alliance for Lightweight Design
10:15 – 10:30	Exposure of Japanese Challenges and Opportunities Prof. Takashi Ishikawa, Director of National Composite Center, Nagoya University, JAXA Senior Fellow
10:30 – 17:20	Technical Session
10:30 – 11:10	Durable Lightweight Design of Safety Components Prof. Andreas Büter, Fraunhofer Institute for Structural Durability and System Reliability LBF
11:10 – 12:10	Advances in lightweight design by improved quality assurance in adhesive bonding Mr. Gerhard Pauly, Fraunhofer Institute for Manufacturing Technology and Advanced Materials IFAM
12:10 – 13:30	Lunch Break
13:30 – 14:10	Laser Technologies for Metallic Light Weight Design Dr. Jens Standfuss, Fraunhofer Institute for Material and Beam Technology IWS



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14:10 – 15:10

GHTC® – the German High Tech Champions Award, Technical Presentations

- Prof. Sergio Amancio: Poly join Me – Friction Spot Joining of CFRP-Metal Structures
- Ms. Annett Klotzbach: remocut@FRP – Laser treatment of composite materials
- Mr. Alexander Kermer-Meyer:
Local Carbon – Laser-assisted integration of local composite reinforcements
- Mr. Christian Gröschel:
The Twin-O-Sheet Process – Shaping, fusion-bonding & functionalizing
- Prof. Peer Haller: Wood in Top Form –
Fibre and textile reinforced moulded timber profiles and shells
- Dr. Konstantinos Dalamagkidis: The Myrobotics Toolkit –
Lightweight, bio-inspired robotics for R&D

15:10 – 15:50

Coffee Break, including GHTC® Business Networking

15:50 – 16:30

Production Technology for the Mass Production of Lightweight Composite Parts
Mr. Myron Graw, Fraunhofer Institute for Production Technology IPT

16:30 – 17:10

Recycling technologies for lightweight materials
Dr. Carsten Gellermann, Fraunhofer Project Group Materials Recycling and Resource Strategies IWKS

17:10 – 17:20

Concluding Session

Prof. Andreas Büter, Fraunhofer Alliance for Lightweight Design

17:30 – 19:00

Reception



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CONTACT

Location

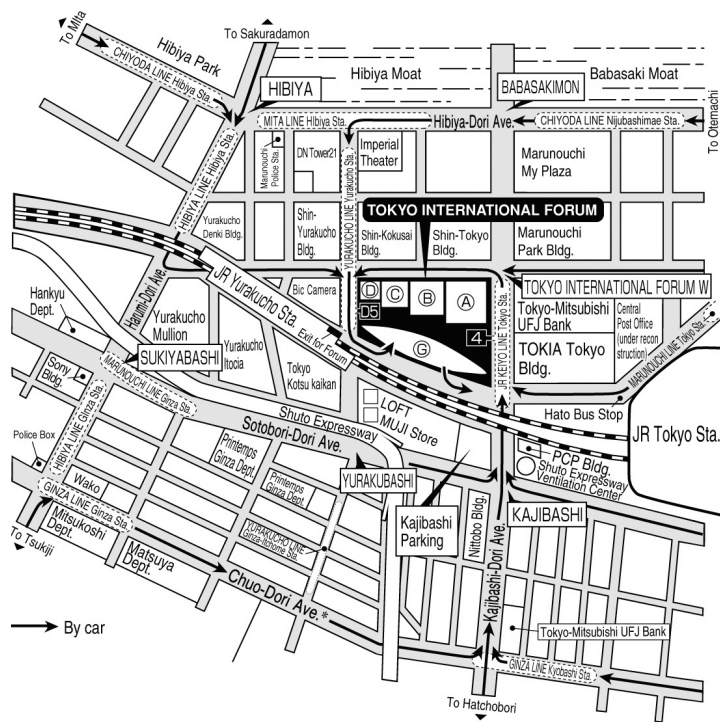
Tokyo International Forum
5-1 Marunouchi 3-chome, Chiyoda-ku,
Tokyo 100-0005, Japan
Phone: 03-5221-9000

Organisation

Fraunhofer Representative Office Japan
Homepage: www.fraunhofer.jp
Phone: 03-3586-7104
E-mail: event@fraunhofer.jp

Participation

free of charge,
Pre-registration required



- JR 1min. walk from Yurakucho Station or
5min. walk from Tokyo Station
- Subway
 - Yurakucho Line: connected to Yurakucho Station [Exit D5]
 - Hibiya Line: 5min. walk from Hibiya Station/Ginza Station
 - Chiyoda Line: 5min. walk from Nijubashimae Station
7min. walk from Hibiya Station
 - Marunouchi Line: 5min. walk from Ginza Station
 - Ginza Line: 7 min. walk from Ginza / Kyobashi Station
 - Mita Line: 5 min. walk from Hibiya Station