



Photo: BrazeCap® von Gussbauteilen der Kunststoffindustrie (Listemann Technology AG, LI)

PROGRAM COMMITTEE

K. Bobzin (Conference Chair)	Aachen/Germany
M. H. Boretius	Bendern/Liechtenstein
U. Broich	Wettenberg/Germany
B. Brommer	Düsseldorf/Germany
A. Demmler	Eisenberg/Germany
S. Ensminger	Stuttgart/Germany
U. Füssel	Dresden/Germany
S.-M. Groß-Barsnick	Jülich/Germany
J. Hebing	Aachen/Germany
S. Jahn	Jena/Germany
H. Janssen	Grevenbroich/Germany
H. Krappitz	Esslingen/Germany
K. Letz	Düsseldorf/Germany
H. J. Maier	Garbsen/Germany
K. Möhwald	Garbsen/Germany
I. Reinkensmeier	Berlin/Germany
U. Reisgen	Aachen/Germany
H. Schmoor	Aschaffenburg/Germany
R. Sicking	Kleve/Germany
W. Tillmann	Dortmund/Germany
G. Wagner	Chemnitz/Germany
J. Wilden	Krefeld/Germany

INTERNATIONAL SCIENTIFIC ADVISORY BOARD

W. F. Gale	Leeds/Great Britain
P. He	Harbin/P.R. China
J. E. Indacochea	Chicago/United States of America
J. Janczak-Rusch	Dübendorf/Switzerland
H. Li	Beijing/P.R. China
K. Matsu	Tokyo/Japan
W. Miglietti	Kansas City/United States of America
J. Nowacki	Szczecin/Poland
T. Oyama	Hayward/United States of America
S. Puidokas	Winterthur/Switzerland
A. Shapiro	Columbus/United States of America
A. Shirzadi	Cambridge/Great Britain
P. Webb	Loughborough/Great Britain
H.-P. Xiong	Beijing/P.R. China

SUPPORTING PARTNERS:



Photo: BrazeCap® von Gussbauteilen der Kunststoffindustrie (Listemann Technology AG, LI)

EVENT SPONSORING

An excellent opportunity for your company image
Are you interested in broadening your company's image and in supporting LÖT 2022?
We invite you to become a sponsor.

Increase your visibility during the Conference and the Tabletop Exhibition
Expand your competitive advantage
Strengthen and build relationships with existing and potential costumers
Exclusive and traditional sponsoring available



Sponsoring opportunities online:
www.dvs-ev.de/loet2022/sponsoring

If you want to discuss customizing a special program to meet your specific needs, contact conference department tagungen@dvs-hg.de



Photo: © july - stock.adobe.com

DVS – German Welding Society
P.O. Box 10 19 65
40010 Düsseldorf/Germany

Organization

Simone Weinreich | Brigitte Brommer
P +49 211 1591-302/-303
F +49 211 1591-300
tagungen@dvs-hg.de
www.dvs-ev.de/loet2022

Technical Information

Karsten Letz
P +49 211 1591-176
karsten.letz@dvs-hg.de

LÖT 2022

13th International Conference on Brazing,
High Temperature Brazing and Diffusion Bonding

June 21 – 23, 2022
Eurogress Aachen, Aachen/Germany

CALL FOR PAPERS

www.dvs-ev.de/loet2022

A WARM WELCOME TO AACHEN

The 13th International Conference on Brazing, High Temperature Brazing and Diffusion Bonding will take place in Aachen from **June 21 to 23, 2022**. This conference is one of the world's leading events in this field. It brings together scientists, engineers and technical personnel from around the world who are involved in research, development and application of joining technology.

The world has changed dramatically since the last conference. Even in times of a global pandemic, the technical developments are progressing. In the companies, digitization has advanced, business processes have been optimized and customer relationships were strengthened. Brazing, High Temperature Brazing and Diffusion Bonding are complex technologies that have to be continuously developed. They are based on current research results, applicable standards and guidelines as well as adapted training measures.

Soldering technology in particular offers manufacturers a multitude of interesting and economical solutions for joining materials and products. A special level of knowledge is also required for the application of these joining processes, which results from the application-oriented exchange of information between practice and science.

The objectives of the conference are:

- Presentation of technical solutions for modern applications
- Transfer of scientific results into operational practice
- Information about the latest trends and technological developments
- Presentation of fields of application for new materials
- Establishing or intensifying contacts between users and researchers

For this reason, we are now inviting you to the International Conference on Brazing, High Temperature Brazing and Diffusion Bonding for the thirteenth time.

Organizer



CONFERENCE LOCATION

Aachen, the historic city in the dynamic center of Europe, looks back on a rich and lively history that is omnipresent.

The coexistence of history and high-tech, of tranquility and activity gives the old imperial city its inimitable charm.

Aachen offers innovative companies excellent development opportunities. With the University of Aachen and the Research Center of Jülich, the region has a scientific infrastructure that can be found in only a few locations worldwide.

There are only a few conference locations that can offer this close connection to technical sources and where one can obtain so much up-to-date information about the very latest developments. A top-class specialist can be found here for almost any question.



Photo: DVS

ORAL PRESENTATIONS AND POSTERS

Abstract Submission

Interested authors are invited to submit their abstracts. Please use the LÖT 2022 online service to submit your abstracts for oral and poster presentations: www.dvs-ev.de/loet2022



Interested authors should submit their abstract (max. 200 words) in English by **August 15, 2021**.

All submitted abstracts will be reviewed and selected by the LÖT Program Committee.

All oral/poster manuscripts must be written in English and submitted electronically.

The manuscript deadline for all contributions will be: **February 15, 2022**.

Selected conference contributions (oral and poster) will be published in the conference proceedings which will be available at the conference.

LÖT 2022 Best Paper Awards

The Program Committee will select the Best Paper based on submitted manuscripts. Please note, authors can only be considered for the award, if they submit their manuscript on time.

For the selection of the Best Poster, the design and also the voting of the conference attendees will be co-evaluated.

SUBJECTS CALL FOR PAPERS

Applications

- Brazing in the energy transition
- Industrial application of brazing and diffusion bonding
- Integration of brazing into the production process
- Functional surfaces (coating by brazing)

Processes

- Furnace brazing
- Induction and torch brazing
- Arc and beam brazing
- Brazing at reduced temperatures
- Nano effects for brazing
- Diffusion bonding

Materials

- Joining of additive manufactured components
- Joining of glass, ceramics, metals
- Joining of high performance materials
- Joining of light weight metals
- Joining of cemented carbides, hard metals, cermets

Properties

- Quality assurance, process quality and product quality
- Inspection
- Corrosion and corrosion protection
- Modeling and simulation

Pitch Presentations

TABLETOP EXHIBITION

During LÖT 2022 we will offer institutes and companies the possibility to present their products and services in a Tabletop Exhibition.

To increase the attractiveness of the Tabletop Exhibition we will offer the possibility to give a **Pitch Presentation**. In this short presentation you can introduce your company products or your technical solutions (duration 5 min.)

Pitch Presentations are reserved only for registered Tabletop Exhibitors.

The number for presentations in the technical program is very limited. If you are interested, please submit an abstract to www.dvs-ev.de/loet2022 (in addition to the tabletop fee EUR 300)

Use this opportunity! Present your company and your products to a professional audience!

From the field of research, development and manufacturing you can directly address experts - from scientists to technicians and from engineers to the users.

Due to the very positive feedback of the last events and the limited capacities, an early reservation of your Tabletop is highly recommended!



Registration for the Tabletop Exhibition, see www.dvs-ev.de/loet2022

For further information please contact tagungen@dvs-hg.de

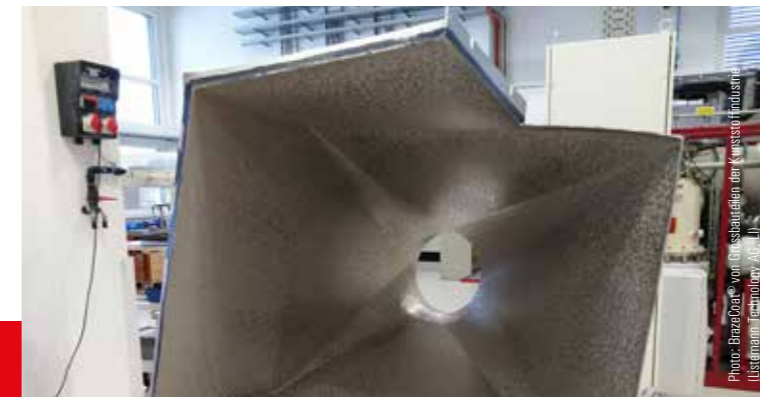


Photo: BrazeOne von Dissbauden der Kunststoffindustrie (Listmann Technology Aachen)