

## Programme Committee

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

## International Scientific Advisory Board

|                  |                    |
|------------------|--------------------|
| W. F. Gale       | Leeds/GB           |
| P. He            | Harbin/CN          |
| J. E. Indacochea | Chicago/US         |
| J. Janczak-Rusch | Duebendorf/CH      |
| H. Li            | Beijing/CN         |
| W. Miglietti     | Kansas City/US     |
| T. Oyama         | Hayward/US         |
| S. Puidokas      | Birr/CH            |
| A. Rabinkin      | Morris Plains/US   |
| A. Shapiro       | Columbus/US        |
| A. Shirzadi      | Cambridge/GB       |
| P. Webb          | Loughborough/GB    |
| H. Xiong         | Beijing/CN         |
| B. Zigerlig      | Untersiggenthal/CH |

## In kind collaboration with:



Photo on the front page:  
Vacuum brazed diffusion pump housings  
(© Listemann Technology AG, LI)

### Technical Information

Dipl.-Ing. Michael M. Weinreich  
P +49 211 15 91-279  
michael.weinreich@dvs-hg.de

### Organisation

Simone Weinreich | Brigitte Brommer  
Technological Exchange and Network  
Conference Department

### DVS – German Welding Society

P.O. Box 10 19 65  
40010 Düsseldorf/Germany  
P +49 211 15 91-302/-303  
F +49 211 15 91-300

tagungen@dvs-hg.de  
www.dvs-ev.de/loet2019

## LÖT 2019

12<sup>th</sup> International Conference on Brazing,  
High Temperature Brazing and Diffusion Bonding

May 21 – 23, 2019  
Eurogress Aachen, Aachen/Germany

## CALL FOR PAPERS

www.dvs-ev.de/LOET2019



## LÖT 2019

From May 21 to 23, 2019 the 12<sup>th</sup> International Conference on Brazing, High Temperature Brazing and Diffusion Bonding represents once again one of the world-wide leading conferences in this field. The conference brings together the professional world of joining technology in Aachen.

The technical development is still progressing faster and faster. Innovative products are manufactured from most modern materials, which are subjected to extreme conditions both during the manufacturing and in operational applications. Therefore, a crucial role is given to the joining technique. Particularly the brazing technique offers a multiplicity of interesting solutions to the manufacturer to join different kinds of materials and products.

Even for the application of these joining processes a special level of knowledge is necessary, which results from the application-oriented information exchange of practice and science and mediates the newest realisations.

For this purpose the International Conference on Brazing, High Temperature Brazing and Diffusion Bonding will be held for the twelfth time and will offer a basis on which

- the transfer of scientific findings to operational practice can be elaborated,
- the production process can be optimised with regard to technical and economic aspects,
- new materials methods and production methods can be presented, and
- the professional contact between users and researchers can be established or intensified.

**Use this opportunity and notice the date  
of LÖT 2019!  
May 21 to 23, 2019**

## Call for Papers

We invite all experts to hand in their contribution for LÖT 2019 regarding the following subject areas:

### Applications

- 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
- Modelling and simulation

### Please note:

The conference language will be English. All correspondence and the abstracts must be written in English as well as the paper for the proceedings and the oral presentation!

**Please use the online registration to submit your contribution:  
[www.dvs-ev.de/loet2019](http://www.dvs-ev.de/loet2019)**

**Deadline: July 15, 2018**

## Tabletop Exhibition

Within the scope of LÖT 2019 we offer institutes and companies the possibility to present their products and services at a tabletop exhibition.

**Use this opportunity! Present your enterprise and your products to a professional public!**

From the field of research, development and manufacturing you can directly address specialists – from the scientist to the technician and from the engineer to the user.

Due to the very positive response to LÖT 2004 to 2016 and the spatially limited capacities, it would be very recommendable to make your reservation for your exhibition desk as soon as possible! For further information please contact our conference department.

## Conference Location Aachen

Aachen, the historical city in the dynamic centre of Europe, looks back on a rich and alive history, which is pervasive.

The next to each other of history and high tech, of contemplativeness and activity gives to the old emperor city its inimitable atmosphere.

The location of Aachen offers long-term oriented, outstanding development possibilities to innovative enterprises. With the University of Aachen and the Research Centre of Jülich this region presents a scientific infrastructure that can only be found in fewer than ten locations around the world.

There are only a few conference locations, which can offer that close conjunction to the technical sources and where you can get so much current information about all-newest developments. For almost any questions a top class specialist can be found here.

**Aachen and LÖT:  
A successful partnership!**