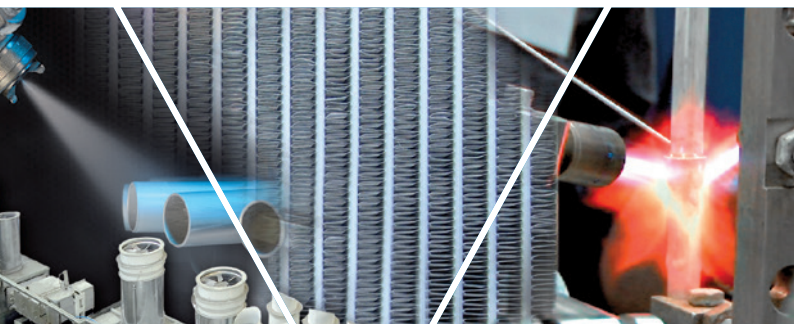




8th International Congress Aluminium Brazing and Exhibition

03 – 05 June, 2014
Düsseldorf/Germany

- Die wirtschaftliche Entwicklung und die daraus resultierende Abschwächung hängen von qualitativen Rahmenbedingungen ab, wie:
 - zullässige Steuerentlastungen,
 - Variablen- und Zinsänderungsrisikopräzision,
 - ausreichende Schwachleistungsleistung,
 - Eigenschaften der Schwachleistungsleistung.

Aluminium Brazing 2014

The International Aluminium Brazing Congress is being held for the eighth time and is now organised for the second time by the DVS – German Welding Society and will take place from 3 – 5 June, 2014 in Düsseldorf/Germany in the Radisson Blu Scandinavia Hotel.

Leading specialists and authorities from the sector, well known experts from industry and research and other important decision makers from this field will further promote surface technology by means of presentations, comments and technical discussions.

The congress will, of course, also deliberately provide numerous opportunities to establish or strengthen business relationships, establish personal contacts and expand networks. An exhibition of participating companies running concurrent to the congress will help getting further contacts.

The organisers are sure to have an interesting offer of lectures held by well recognised speakers and heartily invite you to take part in this significant event.

Tuesday 03 June, 2014

08:30 **Registration**

10:30 **Welcome / Introduction**

Session A

Opening Presentation

10:45 **Innovations in aluminium heat exchanger brazing –
current drivers and inspirations**
R. Sicking*

Session B, Part I

Materials

Chair: D. Hawksworth

11:30 **Tensile, fatigue, and creep properties of
aluminium heat exchanger tube alloys
for temperatures from 20 to 300 °C**
S. Kahl*, H.-E. Ekström

12:00 **Advances in improved corrosion durability
of heat exchangers through the development
of multiclاد solutions**
H. Ribes*, M. Perrier, B. Chehab, L. Peguet, A. Arbab, M. Blatz

12:30 **Lunch**

13:30 **Cu-free header & folded tube materials**
G. Bermig*, V. Saß, S. Schlüter

14:00 **Effect of process flow on material properties
of modified 3003 aluminium alloy developed
for brazing applications**
M. Günyüz*, C. Isiksacan, C. Konya

14:30 **Coffee break**

Session B, Part II

Materials

Chair: H. Janssen

- 15:00** **Interliners – an enabling component for advanced brazing sheet designs**
S. Baumann*, B. Ren, N. Sun
-
- 15:30** **Next generation multilayer – MULTICLAD™**
Material for automotive heat exchanger applications
M. Melander*
-

Session C

Application

Chair: H. Janssen

- 16:00** **Cooling system for electric power trains – diffusion bonded heat sinks**
S. Jahn*, S. Dahms, F. Gemse, S. Sändig, P. Köhring
-



Wednesday 04 June, 2014

Session D

Equipment

Chair: A. Gray

09:30 **CleanBraze™: fluxless brazing of aluminium heat exchangers**

K. Eckhard*, H. Janssen

10:00 **Vacuum purging: a progressive innovation for CAB equipment and processes**

P. Skarbiński*, A. Bielewicz

10:30 **Coffee break**

Session E, Part I

Process and Quality Control

Chair: A. Gray

11:00 **Influence of transport and storing conditions on brazeability of aluminium**

E. Hofmann*, J. Zschetzsche, U. Füssel

11:30 **Considerations for selective pre-fluxing binder technologies / paint fluxing**

L. Orman*

12:00 **The Datapaq profiling system, an optimisation and process control tool**

E. El Choueiry*

12:30 **Lunch**

Session F, Part I

Research and Development

Chair: H.-W. Swidersky

13:30 **Recent advances in corrosion resistant alloy-coating combinations for Al microchannel tubing**

J. Nordlien*, A. Espedal, T. Rasmussen, O. Daaland

14:00 **High strength brazing sheet with improved corrosion resistance**

G. Hanko*, T. Kremmer*, A. Hajek, P. Oberhauser

14:30 **Pre-coated tubes for brazed heat exchanger – experience with Zn containing fluxes**

D. Steiner*, J. Insalaco, J. Nordlien

15:00 **Contribution about minor elements in aluminium brazing alloys**

M. Türpe*, B. Grünenwald, A. Wald

15:30 **Coffee break**

18:00 **Social Evening Event**

Thursday 05 June, 2014

Session F, Part II

Research and Development

Chair: R. Mittelstädt

09:30	Brazing properties of Trillium™ composite D. Hawksworth*, R. Westergård
10:00	Approach to non-corrosive fluxes for improved magnesium tolerance and further reduced residue solubility U. Seseke-Koyro*
10:30	Coffee break
11:00	The influence of thermo-mechanical processing (TMP) of clad sheet on brazeability A. Gray*, A. Nadin, C. Butler
11:30	CO₂: turning the world of automotive climate control upside down L. Löchte*, N. W. Sucke, I. Boyraz

Session E, Part II

Process and Quality Control

Chair: H.-W. Swidersky

12:00	Customer designed selective paint fluxing (pre-fluxing) – a service for the aluminium brazing industry J. Borkhart*
12:30	Closing Remarks
13:00	Lunch

The programme is subject to change without prior notice.

*The names of the presenting authors are followed by an asterisk.

Presenting Authors*, Co-Authors, Chairs

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Ribes, H.* Constellium, Packaging and Automotive
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Wald, A. MAHLE Behr GmbH & Co. KG,
Stuttgart/Germany

Westergård, R. Gränges Technology, Finspång/Sweden

Z

Zschetzsche, J. Technische Universität Dresden,
Dresden/Germany

Terms and Conditions

Congress Location

Radisson Blu Scandinavia Hotel
Karl-Arnold-Platz 5, 40474 Düsseldorf/Germany

Registration

Send your completed registration form to:

DVS – German Welding Society
P.O. Box 10 19 65, 40010 Düsseldorf/Germany
P +49. (0)2 11. 15 91-155 | F +49. (0)2 11. 15 91-300

You can also use the online registration

www.dvs-ev.de/aluminium-brazing

(only possible until 20 May, 2014)

Contact person:

Ms Britta Wingartz

britta.wingartz@dvs-hg.de

Registration Fee for the Congress (free of VAT)

DVS-Members EUR 720

Non-Members EUR 850

The registration fees include one congress proceeding, coffee breaks, lunch and the social evening event.

Cancellation

All cancellations must be requested in writing to DVS. An administrative fee of EUR 100 will be applied to any cancellation made on or before 11 April, 2014. No refunds will be given for cancellations made after 11 April, 2014.

Of course a substitute can be nominated (please contact Ms Britta Wingartz).

Information

Payment

Registrants will be sent a confirmation together with an invoice for the registration fee, upon receipt of the completed registration form by DVS.

Note: The number of participants is limited (first come first served principle).

Exhibition

Concurrent with the 8th International Congress Aluminium Brazing an Exhibition will be held.

Exhibition space with platform unit EUR 780 plus 19% VAT / without platform unit EUR 530 plus 19% VAT (including stand personnel, one exhibitor per exhibiting company is allowed). Since the exhibition space is unfortunately very limited we recommend you to book early (first come first served principle).

Accommodation

Accommodation is available at the congress hotel, Radisson Blu Scandinavia Hotel Düsseldorf. Reservations, cancellations and possible changes should be made directly with the hotel before 20 April, 2014, mentioning "Aluminium Brazing 2014". Please use the hotel reservation form.

Hotel

Radisson Blu Scandinavia Hotel
Karl-Arnold-Platz 5, 40474 Düsseldorf/Germany

Price for single room: EUR 140

Price for double room: EUR 155

(incl. breakfast buffet, pool and fitness room with sauna, free use of WLAN)

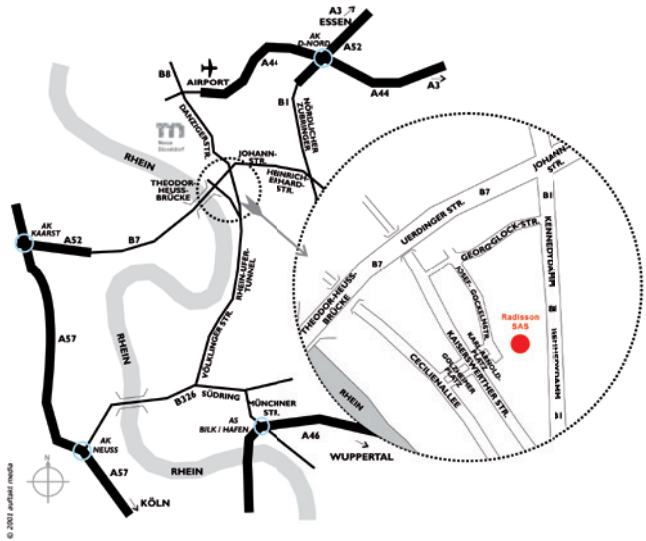
Route Description

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