

# INFORMATION

Essen, September 25, 2017

From September 25 to 29, 2017:

## 19th SCHWEISSEN & SCHNEIDEN Shows Trends in Joining, Cutting and Surfacing Technologies

### New Key Topics for Optimum Visitor Guidance

Every four years, the international specialist world of joining, cutting and surfacing demonstrates its innovative force - and the world's premier fair, SCHWEISSEN & SCHNEIDEN, is the forum for this. From September 25 to 29, 2017, the experts in one of the key sectors of modern production technology are coming together for the 19th time already: Around 1,000 exhibitors from 41 nations are showing their products - including numerous world innovations. Messe Essen and its ideal sponsor and longstanding partner, the German Welding Society (DVS), are expecting around 55,000 visitors from more than 130 countries, above all decision takers from the fields of automobile and vehicle construction, shipbuilding, mechanical and installation engineering, pipe fabrication and pipeline construction, mining as well as the building trade, the chemical industry and the manufacture of metal products. Because of the ongoing modernisation of Messe Essen, the event is making a one-off guest appearance in Düsseldorf in 2017.

For over 60 years, SCHWEISSEN & SCHNEIDEN has offered joining, cutting and surfacing technologies the optimum environment for the introduction of new products, processes and services. At the same time, the world's premier fair is the most important ordering platform in the sector - with a turnover volume of Euro 2 billion most recently. In 2017, all the large industrial nations and renowned manufacturers are therefore being represented in Düsseldorf once more.

All the market leaders have already registered, amongst others Air Liquide, ESAB, FANUC, Fronius, KUKA, Lincoln Electric, Messer, MicroStep, Trumpf, voestalpine Böhler Welding and Yaskawa.

The largest group of exhibitors is being provided by Germany with 379 companies, followed by China (219 exhibitors), Italy (89) and the USA (32). The United Arab Emirates are being represented for the second time. Australia is amongst the exhibitors, too. In total, the foreign participation is nearly 64 percent - almost one in three of the exhibitors are arriving from Asia or overseas. Thus, SCHWEISSEN



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## INFORMATION

& SCHNEIDEN is once more representing its internationality in the spectrum of the joining, cutting and surfacing technologies.

### **New Subject Fields and Clear Structure**

For SCHWEISSEN & SCHNEIDEN 2017, Messe Essen's team has, together with DVS, reorganised the halls in an intelligible way according to thematically appropriate main focal points. Thus, it is even easier for the trade visitors to orient themselves. The clear structure is supporting them in planning their stay at the fair in a targeted manner and in easily finding the exhibitors interesting for them. The exhibitors are profiting from an appealing, thematically appropriate environment. They can invite the visitors in a more targeted way and be found better. The main focal points are welding, welding - pre- and postweld machining (with occupational safety, workshop, gases, accessories and filler materials), cutting, robotic, automation and production plants (with gases and auxiliary materials), information technology (with gas, auxiliary materials, adhesive bonding, sealing, applying, quality and testing) and services (with organisation, education, promotion of young welders and thermal spraying).

### **Focus is on Intelligent Production**

The innovative exhibits at SCHWEISSEN & SCHNEIDEN include the newest devices, installations and materials - not only for welding and cutting but also for allied processes such as brazing/soldering, heat treatment or thermal spraying. In this respect, attention is centring on efficient, cost-saving and sustainable processes for manual welding, mechanised welding as well as automated welding. The range on offer includes, amongst other items, productivity-raising special welding processes for the manufacture of automobiles, new types of remote laser cutting technologies for integration into fabrication as well as lining systems for the economically viable manufacture of engine parts.

Furthermore, SCHWEISSEN & SCHNEIDEN 2017 is presenting ultramodern high-tech solutions for the globalised economy. The world's premier fair is meeting the rising demand for flexible and location-independent production processes with the newest trends in matters relating to automation and intelligent production. The range on offer extends from interlinked robot welding installations and CNC flame cutting machines via laser robots for 3D metal cutting right up to externally controllable automated welding cells. In part, they are being shown at the fair as world premieres.



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## **Unique Chance for International Know-How Transfer**

However, SCHWEISSEN & SCHNEIDEN is not only the sector's global innovation showcase which generates a value added of Euro 61 billion in Europe and safeguards 1.1 million jobs (source: Value added study of DVS\*). Moreover, the world's premier fair is always the most significant platform for the exchange of ideas within the specialist world of joining, cutting and surfacing technologies. Parallel to the fair, renowned experts are thus introducing research results, market developments and solutions for manufacturers and users of joining, cutting and surfacing technologies at the DVS CONGRESS 2017. From September 26 to 29, it will take place in the Congress Center Düsseldorf (abbreviated as CCD) East at Messe Düsseldorf with the Annual Welding Conference (GST) and the DVS Student Congress. DVS's joint booth in Hall 15 is offering a stage programme with talk circles, lectures and more.

## **Events, Live Demonstrations and Tomorrow's Market Leaders**

Newcomers are presenting pioneering solutions on the joint booth for "Young Innovative Companies" in Hall 15. The joint booth for "Thermal Spraying" is providing information about new surfacing processes in Hall 15.

## **Competitions and Young Welders Forum**

It will become exciting when the most talented young welders from all over Germany as well as from abroad compete against each other before the eyes of an expert audience at the Young Welders' Competitions. The DVS "Young Welders" Competition in the Kemper-Arena in Hall 14 is looking for Germany's most promising welding talents, which will be followed by the WELDCUP with participants from across Europe. In the International Competition, welders of different nations take part.

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In the sense of promoting young welders, the DVS Student Congress on September 26, 2017 will again offer students and young engineers dealing with joining technology a platform in order to introduce their scientific papers and to recommend themselves to an international expert public. The two best presentations will be distinguished with the DVS Young Welders Award. This event will take place in Hall R in CCD East. The offers made to young professionals on the DVS joint booth in Hall 15, "Network and Career" area, will include insider tips for successful job applications. The coaching will be free of charge to them.

### One-Off Guest Appearance in Düsseldorf

This year, SCHWEISSEN & SCHNEIDEN is taking place in Düsseldorf as a guest event for once. The reason for this is the modernisation work on the fair site in Essen. Upon the conclusion of this, exhibitors and visitors will find optimum conditions at Messe Essen. The New Messe Essen will be characterised by open, functional architecture, simple orientation, flexible logistics and modern technology. From September 13<sup>th</sup> to 17<sup>th</sup> 2021, SCHWEISSEN & SCHNEIDEN will, as accustomed, take place in Essen - then on one of the technically most modern fair sites in Germany.

Further information:

[www.schweissen-schneiden.com](http://www.schweissen-schneiden.com)

Picture material for downloading:

[www.messe-essen-mediacentre.de](http://www.messe-essen-mediacentre.de)



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\* Michael Kersting, Waike Moos and Anna Werbeck: Macroeconomic and sectoral value added by the production and application of joining technology in Germany, in selected countries in Europe as well in the EU as a whole. Ruhr Research Institute for Innovative and Structural Policies (RUFIS), Bochum, June 2017