

For all who want to know more.



DGQ
Deutscher
Güteverband
für Qualität



DGQ AND DQS WORKSHOPS 20 and 23 FEBRUARY 2018

As promoters in all quality issues, DGQ and DQS communicate expert knowledge and methodology expertise for management systems. They also provide international expertise in system and process audits and are experienced partners of the QUALITY AREA at METAV 2018. Utilise your exhibition day to share in this knowledge – and to dip into some of the subjects that are defining today.

WORKSHOP SUBJECTS:

- ISO 9001:2015 – a revision with marked key points:
What new requirements affect your company – and what opportunities do they bring?
- Power management – handle with care:
SpaEfV, EEG, or EDL-G: Workshops provide key information to those obliged to fulfil legal requirements.
- Information security on digitised markets:
We raise your awareness for the risks, so that you can continue on course to Industry 4.0.

Details: www.dgq.de | www.dqs.de

mav
Innovation in der spanischen Fertigung

2ND THEME PARK INDUSTRY 4.0 20 – 24 FEBRUARY 2018

The whole world is talking about Industry 4.0, nearly every day sees an event discussing this subject. But what actually is behind this concept? Is it suitable only for large-scale corporations, and how can these profit by it? Or: How far can it be implemented by SMEs, but, above all, how does it benefit production? Now taking place for the second time, the Industry 4.0 theme park at METAV 2018 will be introducing acknowledged leaders in technology who will be presenting the solutions realised in this field. At this specialised forum, visitors will learn in addition the actual benefits Industry 4.0 can offer them.

Details: www.mav-online.de



ISF DORTMUND GRINDING SEMINAR 22 – 23 FEBRUARY 2018

Now into its seventh season, the Dortmund Grinding Seminar will be presenting its tried and tested event concept in 2018 as well, hosting exciting contributions from research and industry in the fields “Machine and environment”, “Tools”, and “Processes”. The organisation behind this seminar’s subjects promises here an insight into current trends, practical realisations, and outstanding opportunities for sharing information on many subjects in the field of grinding technology and precision machining.

SEMINAR SUBJECTS AT THE 7TH DORTMUND GRINDING SEMINAR:

Machine and environment

- Grinding technology trends
- Flexible manufacturing
- Manufacturing systems

Tools

- Current aspects of grinding tool development
- Trends in ultrafine surface finishing
- New tool grinding challenges

Processes

- Innovative processing combinations
- Solutions to industrial challenges
- Process stability and monitoring

Details: www.isf.de/schleifseminar2018



Subject to change. The schedule can be viewed on www.metav.com.



APPLICATIONS FORUM FOR SAWING TECHNOLOGIES 20 FEBRUARY 2018

METAV 2018 will be hosting the first Applications Forum "Sawing Technologies" presented by Fraunhofer IPA. This will be dealing with current trends and best practice examples from the field of sawing technologies. In six presentations, tool and machine manufacturers and Fraunhofer IPA will be explaining current solutions and new developments. The object of the event is to show to users of sawing technologies new approaches to process optimisation based on application-oriented examples.

SUBJECTS OF THE APPLICATIONS FORUM FOR SAWING TECHNOLOGIES:

- Possibilities and benefits of machine networking by means of Industry 4.0
- Process monitoring for reduced tool costs
- Correct choice of tools for cost-effective sawing technologies
- Current trends in machine and storage technologies
- New applications and their challenges

Details: www.sägen-stuttgart.de

INSIDE 3D PRINTING 21 – 22 FEBRUARY 2018

"Inside 3D Printing", the leading B2B conference, deals specifically with additive manufacturing as the driver of digital production. Under the banner "From data stream to final product", the focus is placed on new developments in this sector, research efforts, technology and equipment trends, and 3D printing applications and integration into a complete stream of product realisation. Here will be where ideas and thoughts are shared on the huge potential and restrictions of today's 3D printing methods for industrial realisation. The subjects treated at the 2018 "Inside 3D Printing" conference will be particularly metallic and hybrid processes, new technologies, applications, the market and its future, research and development, promotion, and standards and directives.

Details: www.inside3dprinting.de

VDW TECHNOLOGY DAY 20 FEBRUARY 2018

FIRE AND EXPLOSION PROTECTION ON MACHINE TOOLS

Even though today's production often proceeds fully automatically, it still needs regular human interaction. The protective specifications under the EU Machinery Directive applying in this case also affect fire protection on modern machine tools. In most cases, the first victim of fire is the water-immiscible cooling lubricant used as a process auxiliary. Depending on the level of misting, there may also be low-pressure explosions, or so-called deflagration. Containing the effects of such reactions requires a series of safety measures on the affected machines. Experts from the machine tool industry, manufacturers of firefighting equipment, machine operators, and the professional association present the key points in the safe design and operation of modern plant.

Details: www.vdw.de

FORUM FOR CLAMPING TECHNOLOGIES 21 FEBRUARY 2018

Under the banner "Clamping technology potential in efficient production processes", METAV 2018 will see the VDMA Precision Tools Association hosting the Forum for Clamping Technologies for the third time. Six presentations will be illustrating how optimal clamp designs can enhance the efficiency and cost-effectiveness of production processes. The subjects treated are tool and workpiece clamping technologies, digital manufacturing, and the latest research findings.

SUBJECTS AT THE FORUM FOR CLAMPING TECHNOLOGIES:

- The significance of the tool holder in the manufacturing process
- Use of angle heads for the optimal additions to machine tool functionality
- Advantages and potential use of magnetic and vacuum clamping technologies
- Clamping workpieces in bores: direct clamping with zero-point clamping systems versus bore clamps
- Clamping technologies for digital manufacturing
- Flexible clamping systems for Industry 4.0

Details: www.pwz.vdma.org

Subject to change. The schedule can be viewed on www.metav.com.

