

Technical Meeting from 08.09. to 09.09.2010 in Duisburg

Call for Papers

Welding trainer – The future of training?

The first step

On the fair "Schweißen und Schneiden in Essen" the DVS and the GSI were presenting eight welding trainers for the first time representing the largest arrangement of welding simulation systems of internationally renowned manufacturers worldwide. The SLV Halle and the Bildungszentren Rhein-Ruhr, branches of the GSI, are working on integrating these new systems to the practical training of welders.

The problem

Both, education and qualification of welders today is as cost-intensive as never before. On the one hand this is due to a long duration of training and qualification, on the other hand this is due to an enormous technical effort and high costs for materials, welding consumables and the required gases. At the same time the welders, however, are expected to have an increasing knowledge of processes, materials and fields of application.

The solution?

The future of welding training is based on the support by virtual welding trainers. The development of virtual welding trainers being more and more close to reality will not only considerably change the practical procedure of the education of welders but above all it will massively reduce the time required for the training within the next years. The objective is: A better and faster training!

The next step

The GSI is planning to pass on its experience within the scope of a technical meeting in September 2010 in Duisburg while involving those offering training in welding.

Our call

Work with us on Simulation-Technology for the future of welding training together with us and hand in your proposal of a topic together with your abstract by 20.03.2010!

Intended topics and questions, respectively of the technical meeting

- First results and practical experience of the application of welding trainers.
- Advantages and disadvantages of individual systems and their possible application in the education of welders.
- How can the new technology be integrated as effective as possible to existing training concepts of the education of welders?
- What could a new curriculum on the training in welding engineering by integrating one or several welding trainers look like?
- In what way can a welding trainer encourage learning?
- What must be offered by simulation systems? Do they have to be approved, do they have to be certified?

The program committee will be established on the fair by the relevant experts involved in this topic. You will receive further information on both, the topic and the technical meeting in September 2010 from us. We would be glad if you are interested and look forward to your participation.

Your contact person

Heinz M. Klein

Phone: +49 (0) 208 85927-70
E-Mail: klein@slv-duisburg.de

GSI SLV
Bildungszentren Rhein-Ruhr
Im Lipperfeld 29
46047 Oberhausen (Germany)
www.slv-bz.de