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WG-RA-0230-12 Success story Electron Beam Conference by E Levert  
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## **WORKING GROUP ON REGIONAL ACTIVITIES**

### **WG-RA-0230-12**

#### **SUCCESS STORY ELECTRON BEAM CONFERENCE BY E LEVERT**

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## **SUCCESS STORY ELECTRON BEAM CONFERENCE BY E LEVERT**

We are pleased to announce that the Second International Conference on Electron Beam Welding was held in Aachen, Germany March 25-30, 2012. This event was co-sponsored by the American Welding Society (AWS), German Welding Society (DVS) and the International Institute of Welding (IIW) - Commission IV. The conference brought together scientists and engineers from industry, academia, and research laboratories from around the world to discuss current and future trends in electron beam welding.

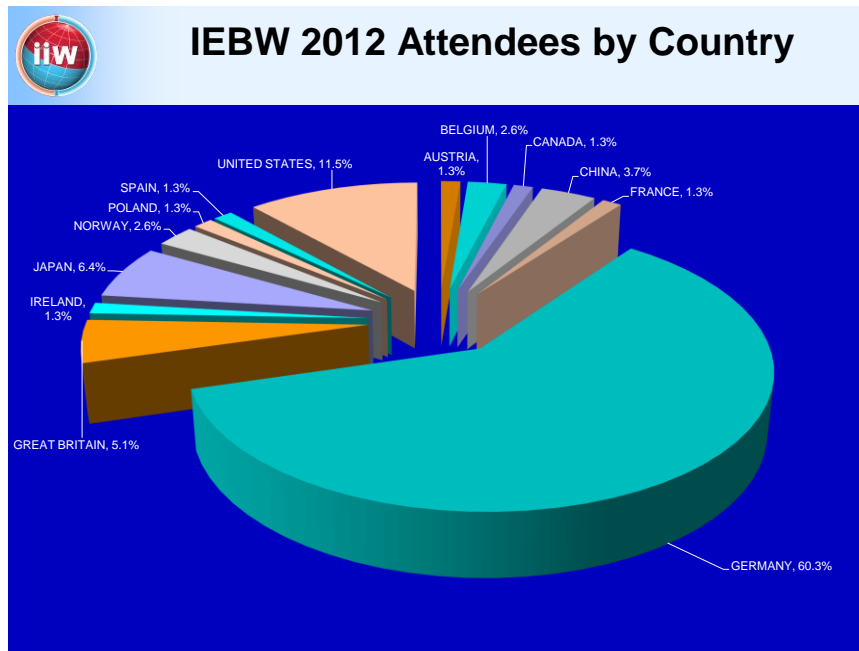
The 1<sup>st</sup> International Electron Beam Welding Conference was successful introduced 2009 in Chicago. The reason this conference was established was to revitalize the electron beam welding community to provide technical presentations on current and future EBW projects. Leading manufacturers and users from diverse areas of industry and research joined the IEBW 2012 Conference. Various fields of electron beam technology were presented in more than 40 lectures, round table and lab-visit. The newest developments of electron beam generating, manipulation, equipment technology and application were shown. The electron beam is still technological leader in the welding competition. Benefits of the electron beam process are a benefit for your development.

The format of the conference started with a one-day event beginning a tutorial of EBW presented by Pro-Beam Inc. Four plenary sessions featuring four keynote speakers were presented on the second day of the conference. The keynote speakers included internationally recognized experts who provided important perspectives on the current status of electron beam welding internationally and in Europe, Asia, and the United States. Other sessions included EBW Research, Development Trends, and EBW Application Trends. Papers involved all material systems, experimental and computational approaches were presented. Programming is aimed at processing methods, materials characterization, joint performance, and modeling. Additional sessions may be planned based upon the response to this call. A Panel Discussion was also held following the technical presentations to discuss future directions of Electron Beam Welding.



**2<sup>ND</sup> INTERNATIONAL ELECTRON BEAM  
WELDING CONFERENCE PARTICIPANTS,  
AACHEN RWTH UNIVERSITY  
AACHEN, GERMANY**





The conference was attended by 82 individuals from 13 different countries. This was a great opportunity to Network with your international colleagues. The last day included a Technical Visit to Jülich, Germany. We toured the Research Center “Forschungszentrum Jülich GmbH”



2<sup>nd</sup> International Electron Beam Welding Conference  
**Research Center “Forschungszentrum Jülich GmbH”**  
 Technical Visit to Jülich, Germany  
 March 30, 2012

Many thanks to IIW, AWS, DVS, and JWS, moreover to the sponsors PTR and SST of Global Beam Technologies, Pro-beam, and FOCUS and last but not least to the ISF of Aachen University and FZJ Jülich for their great assistance and support.

The 3<sup>rd</sup> Annual International Electron Beam Welding Conference is expected to be held in 2015 in Chicago, Illinois in conjunction with the AWS/FABTECH Show.

