

DAMRC Newsletter 4 / 2014

This DAMRC newsletter may be forwarded to everyone interested in the DAMRC, but may only be reproduced/copied in agreement with General Manager, CEO Klaus Bonde Ørskov kbo@damrc.com

If you wish to learn more about project collaboration with the DAMRC and what the DAMRC can do for you and your business, you are most welcome to contact Klaus Bonde Ørskov - kbo@damrc.com

Content

In this newsletter you can read about the growth in memberships and new facilities and machinery in the DAMRC Technology Center. The first months of the DAMRC Technology Center has been successful with the events and courses - including collaborations with several foreign universities. More projects have started in collaboration with several of our members. To keep up with the activities, the staff at DAMRC has also grown since the last newsletter.

New intern from the Universidad Del Pais Vasco

Maria Aurrekoetxea is DAMRC's new intern from the Universidad Del Pais Vasco, Bilbao, Spain. Maria is 24 years old and next summer, she will be graduating with a master degree in Industrial Engineering specializing in manufacturing. She has previously completed her bachelor through the Humboldt University of Berlin in cooperation with the Rheinische Fachhochschule in Cologne. At DAMRC, Maria is doing her master project in surface roughness in machining processes. With the new obtained knowledge from the project, DAMRC expects to be able to provide additional opportunities for quality improvement and cost savings to the metal working industry.



DAMRC, Sandagervej 10



Maria Aurrekoetxea



Universidad del País Vasco Euskal Herriko Unibertsitatea



Sandagervej 10 – 7400 Herning
www.damrc.com

New mentor cooperation with AU Herning

DAMRC has agreed to be mentor for Anders Mogensen; a bachelor student in Global Management and Manufacturing at AU Herning. Anders is working on a project concerning coolants. He was trained as metalworker at Cimbria Manufacturing, Thisted, and later, he was working as a fitter in Norway. Prior to admission into the study, he was teaching basic metal working techniques at Mercantec in Viborg.



Anders Mogensen



DAMRC welcomes Maria and Anders to the DAMRC

The Experience Exchange Group SPÅN visits DAMRC

On 4 September, DAMRC had arranged an after-work event for SPÅN – the Experience Exchange Group in the metalworking industry. Twenty-five people attended from twenty different companies - all with the same commitment and passion for the metal industry. DAMRC presented a line of new technologies regarding production optimization through machine dynamic testing. Mark Fisker from The Manufacturing Industry – A part of the Danish Confederation of Danish Industry had a presentation about process optimization, which completed the technical issues presented by DAMRC.

Mark Fisker stated” *that research institutes, such as the DAMRC, perform structured technology transfer - and thereby bring new knowledge and technology to Denmark and to the Danish manufacturing companies - are an important part of ensuring the Danish competitiveness. We, from The Manufacturing Industry, supports DAMRC in the deployment of new technologies, which generates benefits to our members and the entire Danish manufacturing industry.*”



Sandagervej 10 – 7400 Herning
www.damrc.com

New member

DAMRC's number of members has increased yet again. This reflects the need for DAMRC, along with the need for the determined implementation of knowledge in the field of metal removal industry. The newest member of DAMRC is The Manufacturing Industry – A part of the Danish Confederation of Danish Industry. The organization organizes SME's and takes initiative to strengthen and develop the global competitiveness of the Danish SME's – completely in keeping with DAMRC's vision.

DAMRC welcomes The Manufacturing Industry – A part of the Danish Confederation of Danish Industry.



DAMRC Technology Center expands

The implementation of the Technology Center has given an ascending interest in DAMRC. The capability of the Technology Center extends with an investment in new measurement technology – a 3D coordinate measuring machine. It brings the opportunity to measure and optimize the results from DAMRC's research and projects even further – for example, the precision of milling processes.

Several members point out the importance of a neutral platform, where the metal industry can exchange experiences and jointly purchase new technology – and thereby develop new knowledge. The members of DAMRC have access to the latest technological knowledge and the opportunity to participate in exiting projects and courses. Two of the technology members in DAMRC, Sandvik and Mazak, have already hosted different kinds of events in the DAMRC Technology Center. More events in collaboration with the technology providers are upcoming.



DAMRC's newest facility



Sandagervej 10 – 7400 Herning
www.damrc.com

DAMRC Courses

19. nov. Milling optimization

The participants get an introduction to the challenges of vibrations during the machining processes and an understanding of how focus on – and removal of vibrations in some cases can amend up to 30-40%.

You can get more information about the course here:
http://www.damrc.com/?page_id=981

For signing up for the course, please contact Lene Nielsen

Phone: +45 21545054 or by E-mail: len@damrc.com.

If you have suggestions or ideas for courses or events that could be relevant for you, please contact Lene Nielsen for an informal discussion of the possibilities.

The projects this fall

This fall, DAMRC participates in eight projects in collaboration with several of DAMRC's members and partners – and more projects to come. The subjects are diverse, but there is a focus on automation, optimization and digitization of manufacturing processes, such as a conversion of obsolete manufacturing flow and review of processes to increase automation.

Subscribe or unsubscribe

If you receive this newsletter from a colleague and wish to register yourself for future updates from the DAMRC, simply send an e-mail to kbo@damrc.com with the text "Sign up to the DAMRC newsletter". If you have received the newsletter by mistake, you may unsubscribe at the same mail with the text: "Unsubscribe from the DAMRC newsletter".

Kind regards

*Klaus Bonde Ørskov
General Manager, CEO DAMRC*



Sandagervej 10 – 7400 Herning
www.damrc.com