

DAMRC Newsletter No. 1 / 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

Should you want 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 start of the construction of the Technology Centre at Sandagervej 10 and DAMRC's participation in "VTM 2014- Denmark's metal working exhibition" in Odense with various speeches and cases. International collaboration is strengthened through arrangements and agreements on exchange of students and staff. The member constituency is increased by the addition of 2 additional companies in software and CNC machining. DAMRC has once again been project coordinator for a successful project involving industry and science. On March 25th 2014, DAMRC will have an inspirational seminar for all interested parties relating to internal stress.



Excavation for new pad foundations

Technology Center under construction

The beginning of 2014 was also the starting point for DAMRC at its premises on Sandagervej 10. The new facilities provide the opportunity of building the new physical DAMRC Technology Center. At the center the Danish production companies have the possibilities to make process optimization without having to calculate downtime in production. The center provides a unique opportunity to create an environment on neutral ground where researchers and companies are equally and jointly will be able to develop and refine production methods.



3-D drawing of first fase of DAMRC Technology Centre

Early February, the pad foundations were casted so the first state-of -the-art machines with similar software can be installed in April/May 2014.

The positive approach of additional members and projects is creating a need for hiring additional staff. DAMRC is always searching for qualified technical staff, who can continue the work based on the solid basis builtover the last



Ready for new concrete



4 years. Specifically, a technician for manning the Technology Centre and a project assistant for current and future projects are required.

Participation in " VTM 2014- Denmark´s metal working exhibition "

DAMRC has been invited to participate in " VTM 2014 " April 1st - 4th in Odense Congress Center. DAMRC will host posts and case studies focusing on new technologies and technology trends in cutting and around the implementation of innovation in SMEs with the participation of national and international researchers from DAMRC 's large networks. This allows for a wider cooperation for production optimization and the process of transforming the latest knowledge in advanced manufacturing methods and materials into practical solutions.

During the fair , the new DAMRC Apps, developed by students from Vejle Technical High School, for optimizing milling processes will be demonstrated.

DAMRC looks forward to welcoming those who are interested at booth no. 4941 in Hall C.

Growth in international collaboration

DAMRC 's network within knowledge institutions and industry is growing rapidly , allowing for increased collaboration across national borders. At the beginning of January, representatives from DAMRC and Aarhus University visited three universities in Spain arranged by the Bask organization CIC marGUNE. The interaction was the seed for cooperation involving exchange of students and staff. One of the objectives is to be able to grant students credits for an exchange at DAMRC.

The increasing focus in EU on cooperation between science and industry will be used for the benefit of the Danish industry. DAMRC has some major projects in the planning stage at European level , including a Horizon 2020 project with Mondrago University in Spain.



The program Horizon 2020 can be found here [Horizon 2020](#)



Sandagervej 10 – 7400 Herning
www.damrc.com

New Member : Voxen Technology ApS.

The interest in DAMRC is growing not only internationally, but also nationally there is an increase in enquiries from all over the country for information and subscription of membership . With the entry of Voxen Technology from northern Sealand, DAMRC is now represented in 4 out of the 5 Danish regions. Voxen Technology is a company specializing in 5 axis CNC machining. The primary activities are CNC precision milling , CNC precision turning , welding and special developments and construction.

A key argument for Voxen Technology's wish to join is their focus on primarily hard -to-machine materials, which is a match to one of DAMRC 's priorities.



Another new member: Delcam Denmark

With Delcam, the member constituency in DAMRC has been strengthened with another software supplier to the metalworking industry . The vision for DAMRC matches perfectly with Delcam's wish to be able to help Danish companies to optimize their machining processes to improve efficiency.

Delcam provides software for milling , measuring, inspection, and 3D design for the new DAMRC Technology Center. In addition, the agreement includes training and support. In the latest release of Metal Supply, CEO Søren Friis, Delcam Denmark, emphasizes that it is very valuable for Delcam Denmark to be part of the new technology center,

"It opens new opportunities to show our customers how our software works in practice , when combined with some of the most advanced machining centers on the market. They can gain both insight into the latest knowledge and inspiration for how they can be more effective. "

DAMRC welcome both .



Green development involving knowledge experts

By participating in a project under Shortcut to New Knowledge, administered by the CEI (Centre of Entrepreneurship & Innovation) at Aarhus University , DACS developed a super efficient fan with new thinking on wing design and packaging . The goal was to develop an extremely energy efficient fan which simultaneously fulfilled the wish for reducing costs related to transportation of the product.



Info om Genvej til Ny Viden –
<http://genvejtilynviden.au.dk/>
En ordning der administreres af
Aarhus Universitet CEI.



Sandagervej 10 – 7400 Herning
www.damrc.com

The development project was conducted in collaboration with researchers from both the University of Aalborg , Aarhus University and the Danish Technological Institute and with DAMRC as project coordinator . To operate in this field between research and industry, is exactly DAMRC 's core competence.

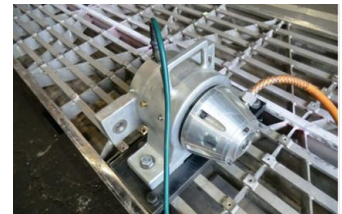
Product Manager Jens Dybdahl states that DACS is very impressed with the project's main objectives being met and even surpassed. At the same time, Jens Dybdahl recognizes that DACS would never have reached the finishline without a professional projectmanager as DAMRC .

DACS 's new product is presented at a trade fair in Germany in spring 2014.



Inspirational seminar regarding internal stress

You now have the chance to attend a super exciting inspiration seminar focusing on how to avoid problems due to internal stress(residual stress) in your items in the future. On March 25th from 2 p.m. to 4 p.m., DAMRC hosts an inspirational seminar focusing on mechanical relaxation of topics, both in the machining industry as in other industries where internal stress is a challenge in production or for the lifetime of the finished products. You can already sign up now at jen@damrc.com. More information about the event will be available on www.damrc.com on March 1st.



Vibratory Stress Relief

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