

## DAMRC Newsletter No. 2 / 2014

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*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](mailto:kbo@damrc.com)*

### Content

*In this newsletter you can read about the explosive growth in members, DAMRC experienced after the successful participation at the Machine Tool Fair (Værktøjsmaskinmessen) in Odense, DAMRC General Assembly and the opening of DAMRC Technology Center May 22<sup>th</sup>.*

### General Assembly

At the General assembly February 27<sup>th</sup>, changes in the statutes of DAMRC were agreed upon. With these changes, it is, among other things, now possible for the DAMRC to offer silver membership to companies no matter sizes.

A new member was elected to the board, the new Commercial Director of the municipalities of Herning / Brande, Kenneth Mikkelsen.. Lars Rasmussen and Søren Rossen Bech were both re-elected. The latter was at the Board meeting re-elected as Chairman of DAMRC. If interested, you can find the Board of Directors at DAMRC's website <http://www.damrc.com/Board>.

### Seminar regarding residual stress

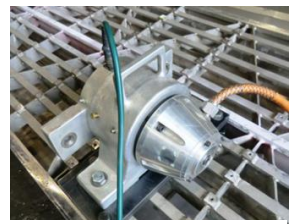
March 25<sup>th</sup>, DAMRC held a seminar concerning a, for Danish companies, new approach to the relaxation of internal stress in metal parts. By replacing the traditional heat treatment with vibration stress release, significant economic, energy and timesaving in production can be obtained. Great interest in the subject was expressed and a specific teaching program is being prepared. Are you interested in learning more about this exciting technology, please contact Senior Consultant Erik Kristensen [ekr@damrc.com](mailto:ekr@damrc.com) or mobile: +45 20283452.

### Success at Machine Tool Fair

During the fair, a growing optimism in the industry was sensed, which resulted in a great interest in the DAMRC and opportunities for future cooperation concerning optimization and development of new production processes. DAMRC agreed on many appointments and are working fast to meet the many interesting inquiries. During the exhibition, two memberships



*Kenneth Mikkelsen,  
Business Director, Business  
center Herning, Ikast-Brande is  
new board member of DAMRC*



*The use of vibrations for  
stress release in metal  
component increases companies'  
profitability.*



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were signed, respectively Fanuc and CGTech, UK. Please see descriptions of the two companies later in this newsletter.

DAMRC also received sponsorships from the companies NiCool and Cimcool in terms of cooling lubricants for the new DAMRC Technology Centre, which opens in May, as described elsewhere in this newsletter.

## New members

During the last few months, the number of members in DAMRC has grown by 25%, reflecting the need for an organization like DAMRC and applied research and development in cutting. Especially after the DAMRC Technology Center has become a reality, the interest in DAMRC has increased substantially. Several members point out the importance of a neutral ground, where the industry can share experiences and jointly bring home new knowledge and technologies.

## Idé-Pro

At May 1<sup>st</sup>, Idé-Pro Engineering and Software A / S has joined the DAMRC as a way to strengthen the already existing cooperation between the Idé-Pro and DAMRC. As part of the agreement about the membership, Idé-Pro will make Catia software and training available to DAMRC. Idé-Pro's membership of DAMRC is a strengthening of future CAD / CAM setup in DAMRC as DAMRC now has 3 congratulatory CAD / CAM systems.

## Fanuc

The Danish branch of the Japanese manufacturer of machines, robots and steering systems, FANUC has on April 1<sup>st</sup> agreed to join the DAMRC. At the Machine Tool Fair in Odense in early April Mikkel Jon Hass from Fanuc Denmark signed a membership agreement with DAMRC. Fanuc membership in DAMRC supports the research focus about working with robots in DAMRC.

## Mazak

As wished by the recently deceased Director of Mazak Denmark, Kim Nielsen, Mazak was the first to install a machine in the new DAMRC Technology Center. On April 9<sup>th</sup>, the first machine, a Mazak Integrex I200S was delivered to the Technology Center, so the work Kim Nielsen had launched in early 2013 now succeeded. In addition April 1<sup>st</sup>, Mazak has signed a membership of DAMRC. All Honor to the memory of Kim Nielsen.



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## CGTech

For a long time, the English company CGTech has been in dialogue with DAMRC about increasing cooperation. The result of these discussions is by April 1<sup>st</sup>, CGTech has joined the DAMRC. As part of the agreement between CGTech and DAMRC, CGTech provides the software system Vericut, which is a further strengthening of skills and capabilities in DAMRC.



## DACS

From April 1<sup>st</sup>, DACS has chosen to sign a membership of DAMRC due to a successful collaboration with DAMRC concerning one of the company's innovations. The agreement about membership was effected just as the innovation project was completed and DACS want to continue the strategic collaboration with DAMRC involving close interaction in the future.



## AVS Denmark

As specialist in oil separation and filtration of the processive industry, AVS Denmark has had great interest in DAMRC. This entailed AVS Denmark to take out a membership in DAMRC on April 1<sup>st</sup>. As part of the agreement, AVS Denmark has chosen, in collaboration with their Swedish supplier Absolent, to sponsor • A SMOKE 20 filtration system. With this new filtration system DAMRC will be able to filter all types of emissions from processing stations in the technology center effectively.



## Prodan

On April 1<sup>st</sup>, the manufacturing company Prodan in Randers became a member of the DAMRC. The membership initiated a technology collaboration between Prodan and DAMRC in order to identify possible projects concerning production optimization. With Prodan's membership one of the biggest Danish metal companies has decided to gain influence on the future development of the DAMRC for the benefit of the entire Danish manufacturing industry.



## DAMRC Technology Center

The construction of the DAMRC Technology Centre is progressing as planned. The training room in the DAMRC Technology Center is ready for 36 students or trainees and the first machine is running. In mid-April, the truck arrived with a MAZAK Integrex I200S. During May, the next machines to be installed are a Hermle C22 and an Ultrasonic 20 from DMG Mori Seiki. DAMRC's desire to be "best in class" is also true regarding health and safety. In relation to the workstations, Absolent Oliemistfiltre from AVS Denmark are installed.



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## Grand Opening May 22. 2014

DAMRC members and partners are invited to the opening of the DAMRC Technology Center, May 22<sup>th</sup> 2014 kl. 13:30 to 16:00. The program is as follows:

- 13.30**      **Welcome by DAMRC's Chairman of the Board  
Søren Rossen Bech.**
- 13.40**      **Speeches by officials and partners.**
- 14.00**      **Official inauguration by Minister of Defence,  
Nikolai Wammen.**
- 14.10**      **Reception. DAMRC will be hosting a light meal.**

**During the reception, different machining demonstrations will be conducted in collaboration with DAMRC's partners.**

Due to limited seats, please make binding registration within May 14<sup>th</sup> to Lene Nielsen, len@damrc.com /2154 5054

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*Kind regards*

*Klaus Bonde Ørskov  
General Manager, CEO DAMRC*



*The new trainingcenter in  
DAMRC Technology Center*



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