

DAMRC Newsletter – 1 / 2015

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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

Content

In this newsletter, you can read about the DAMRC exhibition "Spånligaen", held in collaboration with DAMRC's technology providers, the number of members increasing more than 10%, and a new employee. There is also the schedule for the DAMRC advanced courses and events planned so far.

World Team in SPÅNLIGAEN

January 29th-30th more than 300 guests visited DAMRC Technology Center to see state-of-the-art equipment for metal working. The exhibition was developed in close cooperation with DAMRC's technology suppliers of machinery, tools, software and various accessories.

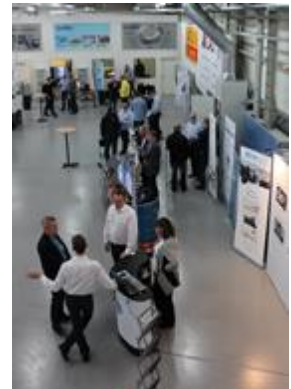
Although they usually are competitors, but as unit they see themselves as the world team in the league of metal working focusing on the requirement of knowledge to lift the Danish metal industry's competitiveness to an even higher level. By obtaining new technology to Denmark and implementing this in the Danish production, it is possible to develop and improve the efficiency for the benefit of the individual company and thus preserve the metalworking industry in Denmark.

Education is another area in which the team members want to attract attention. Training of current and future employees is one of the main parameters for continual improvement of the productivity and global competitiveness in the Danish industry.

Planning for next year's exhibition has already kicked off, so January 29th-30th 2016 you have the chance to experience new technological solutions first hand.

Expansion of the machine park in DAMRC Technology Center

In conjunction with the fair, the machine capacity of DAMRC in metal cutting expanded again by the installation of a Mazak QT Nexus 200 and a DMG NLX



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2500/700. It brings DAMRC the possibility to do more specialized production optimization on turning processes and issues with processing intractable materials.

AVS Denmark installs new filtersystems, * Smoke5 & A * Smoke10, from Absolent on the two machines. These filters are installed directly on the machines without connecting to external filter system, which allows more flexibility.

Likewise, PH-Cleantec has sponsored a low-pressure hot water cleaning systems for cleaning installations and components in the center. This construction makes it possible to clean with less environmental hazard, since no chemicals are used.



New members

The opening of DAMRC Technology Center last year has created an understanding in the industry of the opportunities derived of being a part of the cooperation in DAMRC. Since the last newsletter, there has been a growth of over 10% in memberships.

KP Industri

KP Industri supplies automation solutions for streamlining and optimization of production processes. The company supplies from simple automation solutions to large complex robotic solutions with several industrial robots and for example the use of advanced technology such as 3D camera. With their robotic solutions, KP Industrial relates closely to the machining industry. With the DAMRC membership, KP Industry wants to explore the possibilities of interaction between robots and processed further.



Haderslev Business Council

The Business Council in Haderslev has seen the possibility of exploiting its new membership of DAMRC to impart the machining companies of the municipality a technological boost of knowledge through, among other things, a workshop on production optimization. Subsequent visits to the individual companies identified several potential technology projects.



ISCR-Industry Smart Center Randers

With the DAMRC membership, ISCRs members within the metalworking industry have the possibility to benefit from the competencies of DAMRC within technology optimization and implementation. The companies can be assisted when identifying and solving technological challenges, implement new knowledge in production, as well as get a substantial competence boost to their employees.



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Steinbichler

With a desire to be part of the organization of technological knowledge the DAMRC Technology Centre represents, Steinbichler joined as a member just after the New Year. Steinbichler Optotechnik is a supplier of optical measuring and testing technology with software. With Steinbichlers joining, the DAMRC Technology Center has the opportunity to use advanced 3D scanning for measuring and documenting of test parts.



Bila A/S

In connection with the advanced technology project "InnoMill" funded by Innovation Fund Denmark, Bila A/S has become part of the membership of DAMRC. This is partly a desire to expand the cooperation on new exciting projects in the future. Bila A/S is engaged in production optimization through automation solutions, typically using industrial robots where they can perform all functions from consulting to implementation and service.



Blaser Swisslube AG

DAMRC has also expanded regarding additives for production. In relation with Blaser Swisslube AG joining the membership, they make their full product range available to the Technology Centre. The company has extensive experience in production and sale of high quality cooling lubricants for industry. The collaboration provides the opportunity to develop projects for production optimization concerning parameters such as the choice of cooling lubricants.



Global Casting Lem A/S

One of the impetus for Global Castings enrollment was the possibility of advanced training of the company's apprentices. The company is also one of the partners in the project "InnoMill" which focuses on the processing of giant wind turbine components in the future. Global Casting Lem A / S supplies a wide range of molded and processed products primarily to the wind industry.



We welcome all new members and looks forward to the cooperation.

New employee

DAMRC has employed Maria Aurrekoetxea after she graduated as Industrial Engineer specializing in metalworking. She will be using her expertise in technical aspects of different ongoing and future projects.



General Assembly, April 20th 2015

April 20th, there is General Assembly for DAMRC members at DAMRC Technology Center.



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DAMRC Courses

At present, the following course set

DATE	COURSE
14.04.2015 kl.14-16	"Flexible Manufacturing Concept (Erowa FMC)" Afternoon event on process optimization through proper choice of fixture.
16.04.2015 kl.14-17	" Understand GHS & REACH and the impact on Metal Working Fluid users " This is the subject of an afternoon event in partnership with Blaser Swisslube AG.
28.04.2015 Kl.9-16	Composite materials - properties and possibilities This course will give you a basic understanding of the architecture of composite materials, their properties and the development of quality control systems with respect to the materials.
5.-6.05.2015 Kl.9-16	Advanced machining This course provides an understanding of different machining strategy depending on the choice of material. You will get a basic introduction to issues relating to internal tensions in the part.
21.05.2015 Kl. 9-16	Optimum machining strategies The ever-increasing competition increases the need for optimal machining strategies and technical production solutions. Gain an understanding of the parameters such as which tool and the starting position and subsequently their entry into the material. In general, how to optimize the use of machine tool and cutting tool.
09.09.2015 Kl. 9-16	Optimizing milling processes - through analysis of machine dynamics This course introduces the problem of vibration during machining processes and how the understanding of vibrations in some cases can lead to process optimization of up to 30-40%.

Detailed information on courses and registration is available on www.damrc.com under "Courses".

Should you have an idea or desire to relevant courses or events, please contact Lene Nielsen for an informal discussion of the possibilities at lene@damrc.com or +45 21545054.



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Kind regards

Klaus Bonde Ørskov, CEO DAMRC



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