

DAMRC Newsletter No. 3 / 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

Content

The increase of new members continued over the summer with seven new members since the last newsletter in early May. In addition, several projects started over the summer in collaboration with a number of our members and business partners. DAMRC Technology Center is ready with the first courses and events including collaborations with several foreign universities. To keep up with the activities, the staff at DAMRC has also grown since the last newsletter.

New Members

The heat hitting Denmark on the day of the inauguration of DAMRC Technology Center was not accompanied by the summer's usual downscaling of activities. On the contrary, over the summer there has been a solid increase of members and projects. The new members represent in the best possible way the basis for DAMRC, with both production companies, technology providers and educational institutions.

Fagerlunds Værktøjs- og Metalvarefabrik

In June, the metal company Fagerlunds Værktøjs- og Metalvarefabrik joined as member at DAMRC. Fagerlund manufactures, among other, types of tools and metal fittings. The company is already involved in a project about optimizing metal processes in collaboration with DAMRC

Niebuhr Gears

In July, the manufacturer Niebuhr Gears chose to sign up for a membership at DAMRC and became member no.40. In the effort to be one of the world's leading gear manufacturers, Niebuhr Gears is constantly looking for developing both employees and processes, thus ensuring an efficient and competitive production. The membership of DAMRC provides Niebuhr Gears with the opportunity for testing optimization scenarios in DAMRC Technology Center. Furthermore, Niebuhr Gears see the opportunities in upgrading the competences of the employees in collaboration with DAMRC.



DAMRC Technology Center is ready with the first courses



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LPM production A/S

LPM Production specializes in component production in a variety of metals and processing forms. LPM is well-known for turning of long components, but recently, the company has implemented milling processes in production too. With the enrollment in DAMRC, LPM has even more focus on developing company skills.



DMG Mori

The second machine arriving at DAMRC Technology Center in May was an Ultrasonic 20 from the German / Japanese manufacturer DMG Mori - a 5-axis milling machine for ultrasonic machining and processing all kind of materials from composite material to hard alloys. The incitement for the Danish branch of DMG Mori subsequently joining the DAMRC was the wish to be part of the latest developments in the industry.



Hermle

Another actor at the global market for metalworking joined as member in July. The German Hermle, known for delivering machines for the tool industry, has seen the possibility of synergy between training facilities, equipment and software in DAMRC Technology Center. In this connection, Hermle has sponsored a Hermle 22 - a 5-axis high-speed machining center.



Sandvik Coromant

With Sandvik Coromant, an additional supplier of tools and tool solutions is included in the membership of DAMRC. In connection with joining DAMRC, Sandvik sponsored a number of cutting tools and a comprehensive training material to DAMRC.



VIA University College- VIAUC.

To provide students of VIAUC with additional opportunities for industry-minded education and acquisition of new knowledge has VIAUC sign membership DAMRC. Already in autumn the VIAUC training and seminars in cooperation with DAMRC in the Technology Centre.



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DAMRC Courses

Below you find scheduled courses - other exciting initiatives are under development.

25.sep. **Milling Optimization**
An introduction to the problem of vibration during machining processes and optimization opportunities - with up to 40% using mechanical dynamic analysis of tool and spindle.



Optimization with vibration analysis

29.-30. okt. **Machining of difficult materials – Titanium and Nickel based alloys.**
In collaboration with Mondragon University, Spain DAMRC is introducing the latest knowledge on cutting parameters, tools and cooling needs for processing materials with titanium and nickel alloys. (Inconel 718)



Latest knowledge regarding machining of difficult materials

You can find detailed information on courses and registration at [www.damrc.com / Courses](http://www.damrc.com/Courses). Here you can find an updated list of courses.

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

Autumn projects

During the autumn, eight projects are under process in collaboration with several of DAMRC's members and business partners, and many more are under development. The goals of the projects are manifold, but the focus is automation, optimization and digitization of manufacturing processes such as the conversion of outdated production flow and review of processes to increase automation.

DAMRC increases staff

June 1st, DAMRC could welcome Erik Matthiesen as R & D Technician. Erik has more than 20 years of experience in machining and CAD / CAM software. Erik's many skills will be used in connection with DAMRC Technology Center. You can reach Erik Matthiesen at mobile 40288468 or ema@damrc.com.



June 1st Erik Matthiesen was employed as R&D Technician



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Kind regards

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