

DAMRC NEWSLETTER no. 2 - 2011

This DAMRC newsletter can be forwarded to everyone interested in the DAMRC, but you are only allowed to quote from the newsletter in agreement with Chairman Ole Mørk Lauridsen oml@damrc.com or Project Manager Klaus Bonde Ørskov kbo@damrc.com

In this newsletter you can among other things read about the DAMRC participating in an international trade fair. Furthermore in this newsletter the DAMRC proudly welcomes our new colleague Henrik (B.Sc. Mech. Eng.). Also included in this newsletter are stories on the DAMRC attending the Global Manufacturing Festival in Sheffield as well as info on new collaborations with 8 students from DAMRC-member organizations.

DAMRC participates in international trade fair

DAMRC was invited to “Denmark’s metal working exhibition – VTM 2011” by the fair’s organizers to tell visitors about the DAMRC’s work to ensure global competitiveness in the Danish manufacturing industry.

At the DAMRC booth a variety of technologies were presented to the 5,000 visitors of the fair. Among those who visited DAMRC’s stand was a broad range of representatives from the manufacturing industry. Students from different Danish universities and students from the Denmark’s technical colleges also showed great interest in DAMRC’s activities.

The great interest from visitors who stopped by DAMRC’s booth is a positive sign that the industry in general is ready for change and new technology. Some visitors did however also reflect a certain degree of conservatism and reluctance to implement new technology. Therefore DAMRC continue to work hard to live up to its mission statement:

DAMRC – a research and development centre for advanced manufacturing technologies and materials that develop and transform the latest knowledge into practical solutions in close collaboration with the universities for the benefit of Danish industrial companies' global competitiveness.



At the booth the 5000 visitors of the fair amongst other could see examples of how CNC-milling processes could be optimized in the range of 15 to 45 %.



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New talent in the DAMRC

On the first of April DAMRC have hired Henrik G. Nørgaard, B.Sc. (Mech. Eng.) as a Project Consultant. With years of experience in disciplines such as product development, production engineering and 3D design, Henrik will contribute positively to the execution and implementation of DAMRC's technical development projects.

As described in previous DAMRC newsletters, the DAMRC has a number of exciting projects in the pipeline. Therefore the DAMRC, in line with its strategy for 2011, remains on the lookout for hiring more technical talents with knowledge on machining and new materials.



The DAMRC welcomes project consultant Henrik G. Nørgaard.

DAMRC collaborates with students

DAMRC's strategy is based on creating value for its members. With five educational institutions as members, an important task is to create value for these institutions. By providing exciting and useful project topics for students, based on industry needs, DAMRC creates value for both students and the DAMRC members.

One example is a project with five students attending the B.Sc. level ICM education (International Communication and Multimedia) at DAMRC-member AU-IBT. The students are working on several exciting projects such as a video on the challenges of the Danish manufacturing industry and an internal online communications platform for the DAMRC.

Another example is the collaboration with three students from DAMRC-member IHA studying mechanical engineering at B.Sc. level. The students work will be a contribution to a long term DAMRC-development project, as the students will conduct a series of technical experiments and tests.

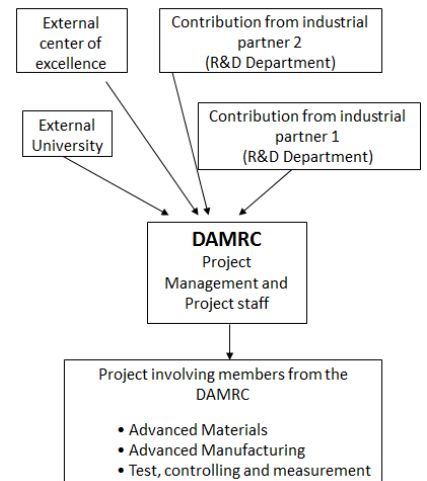


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Technological insight day

As part of an exciting DAMRC project about measurement of large and complex parts with tight tolerances the DAMRC held a technological insight day for participants in the project. Project partners witnessed four separate presentations from leading international manufacturers of measurement equipment. Focus was on state of the art in measurement technology, as well as expected future developments within measurement technology.

The concept of organizing an insight day for the project group is a key part of DAMRCs collaboration model "The collaborative approach". Including a technological insight day at the early stages of a project ensures that the project group achieves a common starting point for the project to proceed on.



Inspiring trip to England opens new cooperation opportunities

In collaboration with "Enterprise Europe Network" the DAMRC, represented by chairman Ole M. Lauridsen and project manager Klaus B. Ørskov, visited a number of potential partners in Sheffield and the surrounding areas during the Global Manufacturing Festival: Sheffield, March 2011.

During the visit the DAMRC had the chance to experience a range of new exciting technologies. Amongst others the technology used in advanced "3D weaving" of composites was reviewed, as well as the processes involved in "materials manipulation", and forging of large parts for the automotive industry. Furthermore the technology for advanced testing of aircraft components was presented to the DAMRC.

The goal of the trip was to create new opportunities for collaboration and to participate in the Global Manufacturing Festival 2011, held in Sheffield, as the DAMRC were invited by the organizers of the festival to give a speech at the main conference.

From the podium DAMRC Chairman Ole Lauridsen spoke to the audience about the DAMRC and the important part the AMRC in Sheffield has played in the development of the Danish center.

As a result of the trip, the DAMRC are now working on a similar inspirational trip for DAMRC's industry members. Additionally, the trip served as an inspiration to the DAMRC to examine whether there is a basis



More on Global Manufacturing Festival @:

<http://www.globalmanufacturingfestival.com/>



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for making an event like the Global Manufacturing Festival in Denmark in 2012 or 2013.

Registration and deregistration of newsletter

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Kind regards

Ole Mørk Lauridsen
Chairman, DAMRC

Klaus Bonde Ørskov
Project Manager, DAMRC



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