

DAMRC newsletter no. 5 / 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 Manager, Operations & BD Klaus Bonde Ørskov kbo@damrc.com

In this newsletter you can among other things read about the 19th and the 20th DAMRC-member. This edition of the DAMRC newsletter also features a couple of stories on the formation and progress of some of the new DAMRC activities. Furthermore this edition includes the story on the Boeing Company becoming a DAMRC member.

DAMRC welcomes member no. 19

It is with great pleasure that DAMRC can announce the clean tech company *RadiJet* as its 19th member.

Core business in Radijet concerns a so called range extender. The range extender is a power generator and in short it prolongs the durability and travel range of electrical powered vehicles. The power generator furthermore has a list of other application areas, besides transportation e. g. micro CHPs. (CPH = Combined Heat and Power generation)

With Radijet joining the DAMRC, the DAMRC wishes to provide Radijet with knowledge on new, light and strong materials as well as insight concerning advanced manufacturing. These activities shall bring the company in a unique position in the phase of launching the concept of the range extender internationally. Alongside DAMRC activities within clean tech solutions are strengthened as well.

... and member no. 20 is also welcomed

Wednesday the 16th of November the DAMRC held a press conference welcoming the 20th member – The Boeing Company.

As one of the 12 Founding Partners the Boeing Company has been a key player in the establishment of the DAMRC in April 2010. Furthermore the first DAMRC industrial project was carried out in a close collaboration between Boeing, the DAMRC and the DAMRC member companies. In this project DAMRC member companies experienced noticeable improvements in their productivity in various milling processes.



RadiJet
radial flow jet engines

DAMRC is looking forward to a fruitful collaboration with RadiJet



Mayor of Herning Lars Krarup (ml) and DAMRC Ole Lauridsen (mr) og Klaus Ørskov (m) welcomed Boeing, Tom Bell (l) og Rick Cisiewski (r) in Herning.



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Since the establishing of the DMARC a close collaboration between the Boeing Company and the DAMRC has been carried out, especially through Boeings UK based R&D Center AMRC in Sheffield. With Boeing joining the DAMRC the possibilities of collaboration will be expanded. The DAMRC will now have easier access to Boeings technical manufacturing knowledge. The participation of Boeing in DAMRC projects together with DMARC member companies will be easier in the future as well.



DAMRC is looking forward to the collaboration with the Boeing Company

From Idea to Invoice

If you have the idea – The DAMRC has got the network to make it grow.

Through the DAMRC network it has been possible to set up a strong team that will now help a Herning-based development company, in maturing a newly developed concept with the potential to become an international success. The project has a value of DKK 100.000 and is funded by the program “Shortcut to New Knowledge”, run by Aarhus University.

In the project the DAMRC is to help the company especially in the initial phases with structuring the development processes as well as implementing and running the processes. This will bring the company closer to actually being able to manufacture and produce the product.

If you want to learn more on what the DAMRC can do for your business, please contact:

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For more information on “Shortcut to New Knowledge” go to:

<http://genvejtilyviden.au.dk/>



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New Composit Material – Step 2

In the previous edition of the DAMRC newsletter we featured the story on the project on new advanced composite materials for high temperature applications with the DAMRC and the company HeliScandia as project partners.

The initial phase of the project has now been successfully concluded and with very promising results. Therefore the DAMRC and HeliScandia are now launching the second phase of the project with a budget of DKK 1.000.000. As was the matter of the first phase of the project, the second phase is



HeliScandias proof of concept-model, demonstrating the patented functionality.



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financially supported partially by the program “Shortcut to New knowledge”, run by the University of Aarhus, Denmark.

The public funding gives the DAMRC and HeliScandia the opportunity to continue the project, and expectations of the outcome of the project are high. During the second phase of the project a key event is the involvement of a number of internationally recognized scientists to strengthen the knowledge in HeliScandia within high temperature applications.

Inspiration and Innovation

In November 2011 a delegation of representatives from the member companies of the DAMRC participated in a series of meetings in the city of Stade 40 kilometers west of Hamburg, Germany. The theme of the meeting was the latest trends within manufacturing technology of CFRP (Carbon Fiber Reinforced Polymers).

The cluster organization CFK VALLEY STADE is a network of more than 100 companies and research institutions. CFK VALLEY STADE and DAMRC had setup meetings with a number of specifically chosen companies and R&D institutions namely: CFK VALLEY STADE, Fraunhofer – IFAM, DLR, DOW, EADS, Leibniz University Hannover and CTC.

All meetings were focusing on business areas that are of interest to the DAMRC member companies. Common to the technologies presented is that these are not known or introduced in the Danish manufacturing industry. Due to this fact the DAMRC is now working on expanding the awareness of these new and innovative manufacturing technologies e.g. via lectures and a DAMRC technology report.

At the 2nd day of the visit the DAMRC participated in CFKs yearly “Innovation Day”, and this year the theme was:

Mechanical Engineering meets Composites

The presentations of the “Innovation Day” was in German.

DAMRC attending GlobalNet in Singapore

In September 2011 the DAMRC attended the Boeing GlobalNet summit represented by DAMRC Chairman Ole Lauridsen and DAMRC Manager Klaus Ørskov. Singapore A*STAR hosted the event and provided the participants with valuable insight on how R&D activities are structured in Singapore.


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CFK VALLEY STADE™

The driving force of CFK VALLEY STADE is the aerospace company Airbus.

At the CFK VALLEY STADE, the entire value chain in connection to CFRP is represented by the more than 100 members.



I Singapore var der bl.a. fik delta-gerne bl.a. en introduktion til hvordan der målrettet arbejde med F&U aktiviteter til gavn for landets industrivirksomheder.

Besides inspiration and new project ideas, the DAMRC initiated a dialogue on collaboration with a number of different of the other Boeing supported R&D centers. Amongst others is R&D centers in countries such as the USA, Canada, Germany, Holland and Australia.

DARMC as driver of Composite group

The DAMRC has hosted two meeting where DAMRC member companies that deal with composites have had the chance to meet up with some of the other Danish companies that works within composites. The meetings have shown possibilities of future collaborations.

As the DAMRC members and DAMRC contacts within composites ranges from companies that are manufacturing and producing raw composite materials to companies that are using composites in its design products the DAMRC will now consider the possibility of the establishment of a more permanent group with the aim of sharing knowledge.

Registration and deregistration of newsletter

If you receive this newsletter from a colleague and wish to register for future updates from DAMRC, simply send an email to kbo@damrc.com with the text "Sign up to DAMRC newsletter". If you receive the newsletter from us by mistake, you may also unsubscribe at the same mail with the text "Unsubscribe from DAMRC newsletter".

Kind regards

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