

DAMRC Newsletter – 2 / 2012

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 General Manager, CEO Klaus Bonde Ørskov kbo@damrc.com

In this newsletter you can amongst others read about the new DAMRC Board of Directors, new DAMRC members and a couple of student projects.

If you want to learn more about project collaborations with the DAMRC and what the DAMRC can do for you and your business, we welcome you to contact Klaus Bonde Ørskov kbo@damrc.com.



Farewell to the Chairman

As one of the 12 DAMRC Founding Partners Danish manufacturer, Terma A/S, of high-tech equipment to amongst others aerospace, has played a key role in the first two years of the DAMRC. Terma A/S has besides its membership contributed to the development of the DAMRC in large scale because Terma CTO Ole M. Lauridsen has been active as the working chairman of the DAMRC since its establishment.

In his time as the working chairman Ole M. Lauridsen has been contributing to the growth of the DAMRC with 10 new members including educational institutions (AAU, IHA, ASE and COE), associations (AluCluster, LORC and Danish Metal Workers Union) and Industrial companies (Boeing and RadiJet) and the City of Aarhus.

In his chairmanship Ole M. Lauridsen has also contributed to the successful completion of the first DAMRC industrial project, in which manufacturing cycle times were significantly reduced within the participating companies through the implementation of advanced manufacturing technology.

As Ole M. Lauridsen has now turned 65, he is retiring as the CTO of Terma A/S and as such his position as the working chairman of the DAMRC.

“Ole has put in a tremendous effort in the DAMRC and there has been a good and fruit full collaboration between Ole and the employees of the DAMRC including myself” says General Manager, CEO Klaus Bonde Ørskov.

In connection to building up relations to universities and in his work in the DAMRC Technical Committee Ole M. Lauridsen has demonstrated a large technical knowledge and a passion for mechanical engineering. Klaus Ørskov continues: *“Ole is an Engineer with a capital E”. Most people know*



*“Take good care of the DAMRC”
Ole M. Lauridsen CTO, Terma A/S
hands over the chairmanship to
Andreas Bürger, V.P., Industriali-
zation & PLM, Turbines R&D,
Vestas Wind Systems A/S*



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of Oles capabilities within electronics. But in our collaboration I have experienced that Ole is also very knowing and capable when it comes to manufacturing and mechanical engineering. This knowledge has been put to its use in relation to some of the DAMRCs R&D projects. On behalf of the DAMRC Team I would like thank Ole for his great effort and wish him the best of luck in the future.”

Replacing Ole in the DAMRC BoD is Jesper Freltoft, Director Manufacturing Engineering, Terma A/S.

Organizational Changes in the DAMRC

In connection to the general assembly the 30th of April 2012 some of the DAMRC members chose to put up new candidates for election to the DAMRC BoD. Furthermore the Boeing Company put up a candidate as well. The new DAMRC BoD is constituted by:

Andreas Bürger – Chairman, V.P., Vice President, Standardisation, Modularisation, & VCD Industrialisation & PLM, Turbines R&D

Vestas Wind System A/S

Jan Jørgensen - Vice chairman, CEO, Danish Aerotech A/S

Carsten Risom, Director R&D, Kyocera Unimerco A/S

Pia Snijder, Strategy Director, Boeing International - Northern Europe

Steen Nielsen, Project Coordinator, CenSec

Mette Højborg - (Observatør), Development Manager, Herning Municipality

Michael Evan Goodsite, Professor, Center Director fra Aarhus University, Business and Social Sciences, AU Herning

Torben Henriksen, CEO, Erhvervsrådet Herning and Ikast-Brande

Lars B. Rasmussen, CEO, Multicut A/S

Jesper Freltoft, Director Manufacturing Engineering, Terma A/S

DAMRC welcomes the new BoD members and are thank full to those who have served up until now.

Besides changes in the DAMRC BoD, the DAMRC has made some minor adjustments in the management as well. Klaus Bonde Ørskov has been promoted to General Manager, CEO and Christian Göte is now Program Manager.



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Vacant positions

One of the initial tasks for the new DAMRC BoD was to focus and sharpen the DAMRC strategy. In connection to this work it has been decided that the DAMRC within 2012 is to hire a “Technical director“, with overall responsibility for the DAMRC technology areas.

Furthermore the DAMRC is expecting to hire a project manager ASAP, with the responsibility of managing the DAMRC technology projects. The DAMRC is at the moment managing a number of technology projects and expectations are to launch even more during 2012.

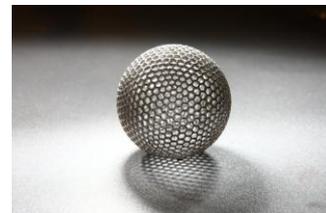
If you are interested in learning more please contact General Manager, CEO Klaus Ørskov +45 3051 6085 or kbo@damrc.com. Applications and resumes should be send to kbo@damrc.com

New Member of the DAMRC

DAMRC has the pleasure of welcoming a new member. The new member is House of Technology / Virtual Knowledge Center, which is part of the vocational education institute Mercantech in Viborg. In collaboration with House of Technology/Virtual Knowledge Center the DAMRC can further strengthen its efforts to enhance the global competitiveness of the Danish manufacturing industry. This is secured via new knowledge in the technical education programs and by the DAMRC contributing to increase the awareness of the exciting high-tech challenges e.g. an CNC-technician will encounter on the job.

And another one

It is also with great pleasure, that the DAMRC can present the City of Vejle as a new member. The City of Vejle is the first government member outside the Central Denmark Region. The membership from the City of Vejle secures a local base in the Vejle-area and is a good step for the DAMRC towards being represented all over Denmark.



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Carbon Fiber Seminar a Huge Success

May 25 the DAMRC hosted a seminar on carbon fiber composites within the themes: *manufacturing, design and usage*. The seminar was established in collaboration with CenSec and Enterprise Europe.

At the Seminar the more than 60 participants witnessed four different speakers share their insights on carbon fiber composites.

Helge von Selasinsky, Deputy Head of Main Office i CFK-Valley Stade opened the seminar with a presentation of the lifecycle of carbon fiber and the usage of CFRP in aerospace applications. The presentation was based on experiences from CFK-Valley in Stade, Germany and the more than 100 members of this network. The main driver of the German network is space/aerospace company EADS and the EADS subsidiary Airbus. Furthermore this presentation gave the audience a glance of cutting edge manufacturing technology for manufacturing CFRP structures.

Tim M. Hansen, owner and CEO of House of Composites, spoke at the seminar under the theme "Need for Speed". This presentation provided the audience with a through introduction to how Tim and his company are working with the developing new manufacturing processes that will secure short lead times and are cost-efficient. Tim also shared some insights on the different demands and requirements when it comes to supplying formula one and Le Mans teams with the latest in lightweight/high strength components. The audience was also presented with an in depth walk through of the manufacturing process "vacuum back infusion".

Philippe Courier, Owner and CEO of Composittech then guided the audience through his presentation "*Resin Transfer Molding – a cost efficient manufacturing process, tight tolerances*".

Concluding the seminar was *Senior Scientist Bo Madsen, Risø DTU* with the headline "*Composites of the future*". The audience was given a presentation to some of the research carried out within Bio-based hybrid composites. Within this field of research one area of focus is to explore the possibilities of using a combination of carbon and plant fibers, in structural designs. The audience was amongst others shown a scaled model of a wind turbine blade in tree examples. One was made of pure plant fiber the other was pure carbon fiber. The third was made by using a combination of plant and carbon fibers. Current research showed promising results with regards to the overall performance of the hybrid blade.



CFK VALLEY STADE

HOUSE OF COMPOSITES

COMPOSITECH



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6 Students are working with the DAMRC

DAMRC is at the moment working with 6 students on two different projects. Two mechanical engineering students from Aarhus University School of Engineering are currently working on a project in connection the DAMRC-project "Vibrations in Drilling". The students are expecting to conclude the project in the autumn of 2012 when they are graduating.

Furthermore 4 students from the ICM (International Communications and Multimedia) from AU-Herning are working on a communications project to strengthen the visibility of the DAMRC. The students are amongst others working with a profile video on the DAMRC and are expecting to finish their project in the autumn of 2012.



The 2 students are visiting Vestas Machining in Lem, together with 2 DAMRC employees.



2 ICM-students "shooting" the DAMRC promotion video.

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

Klaus Bonde Ørskov
General Manager, CEO DAMRC



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