

DAMRC Newsletter – 3/ 2015



Looking back at spring 2015 – a spring splendid with new members, courses and projects. Now, at the DAMRC we are ready and looking forward to getting back up and running in highest gear after summer holidays. Assignments and projects are waiting to be solved in close cooperation with our partners.

New Technology Study Group

We launch another technology study group focusing on fiber materials. The study group will consist of four modules lasting ½-1 day each. Topics will be:

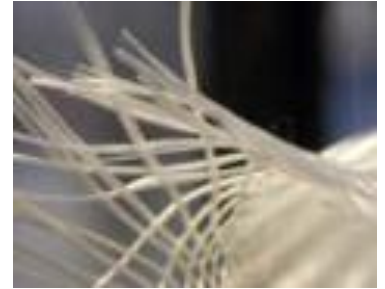
Module 1: Composite materials – properties and options

Module 2: Machining Composite materials

Module 3: Research on use of structural natural fibers and alternative fibers

Module 4: Industrial use of composite materials

Module 1 takes place as soon as on **September 15th**. Please, contact Lene at len@damrc.com or 2154 5054 for further information and to sign up for this technology study group.



New courses

Registration for the course **Optimization of Milling Processes through Analyzing Machine Dynamics**, which takes place on **September 9th** is open still. This course will introduce challenges regarding vibrations caused during machining and you will come to an understanding as to how these vibrations in some cases can lead to process optimizations at up to 40 %. It will be a key issue of this course to focus on understanding how these vibrations occur and to take advantage of the vibrations while optimizing the processes.



Furthermore, we highlight the course **Machining of difficult materials – Titanium and Nickel based alloys** on **September 20th-21st**. Registration for this course is open as well. We will provide you with knowledge on how to manufacture titanium and nickel alloys, which will enable you to make decisions on cutting parameters, tools and machining strategies leading to optimized machining processes. The course is for technicians and operators and takes place in a mix of theoretical and practical work.

Information on the courses and the entire schedule is available on damrc.com – we continuously offer new courses and seminars. Follow the DAMRC on LinkedIn to stay updated on our activities.



Sandagervej 10 – 7400 Herning
www.damrc.com

New seminar

Virtual Machining Technologies, Sep. 8th 14-16

Thanks to Virtual Machining, you can emulate and understand the complete behavior of a particular manufacturing system. Prior to physical production Virtual Machining Technologies is able to carry out a Simulation-Validation-Optimization process and thereby reduce the amount of testing in the work floor as the safety concern among other aspects. Finally, Virtual Machining Technologies also permits the simulation and investigation of other physical processes, as for instance force or temperatures, derived from the geometric data. Registration is open. Contact Lene on lene@damrc.com or 2154 5054 to sign up.

DAMRC courses and seminars

September 8th	Virtual Machining Technologies
September 9 th	Optimization of Milling Processes through Analyzing Machine Dynamics
September 15 th	Technology Study Group on composite materials Module 1
September 21 st -22 th	Machining of difficult materials – Titanium and Nickel based alloys

We are looking forward to an interesting autumn 2015. We will be welcoming new students, we will expand our Technology Center both in size and with new machines. These topics – along with others – will be covered the upcoming new letters.

Kind regards,
Klaus Bonde Ørskov
CEO

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

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