

DAMRC Newsletter – 4 / 2013

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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

In this newsletter you can read about DAMRC moving to new domicile, where the new technology center will be established. The increasing activities and a new project regarding residual stress relief result in new employees, so we welcome Adrien Gonzalez and Lene Nielsen. In October, DAMRC was introduced at the national growth conference: "Viden, der vækster" – "Growth by knowledge". DAMRC has once more succeeded in establishing contact to foreign centers of knowledge to the benefit of the Danish industry. New ways of communications are used in the content of App's for production optimization for the industry and for educational approach for the students at vocational training.

New domicile at Sandagervej 10, Herning.

The growing demand from the industry for help to production optimization and development has resulted in DAMRC now moving out from the Innovatorium in Birk to a new domicile at Sandagervej 10, Herning. The facilities are rented from November 1st 2013. All DAMRC's activities will be moved to Sandagervej 10 by January 1st 2014 at the latest.

As a start, DAMRC has 1100 m² available in the new facilities with possibility for further expansion. During the first half of 2014, the new technology and knowledge center will be established with different types of work stations for optimization of milling, turning and drilling. In the past the members of DAMRC have made their machinery available for DAMRCs' projects but the new technology and knowledge center will make it possible to implement the projects without causing downtime at the DAMRC members' production sites. With the new technology and knowledge center, DAMRC expects even further increase in the amount of projects and collaborations with Danish and foreign institutions of knowledge.



DAMRC's new domicile at Sandagervej 10, Herning. DAMRC's new facilities bring the possibility to develop best practice solution for advanced production processes to give Danish manufacturing companies access to lucrative markets



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Growth in demand results in new employees.

The increasing activity, DAMRC has experienced, has resulted in a need to expand the staff. From November 4th, Lene Nielsen is employed as project assistant. Lene will be assisting on DAMRC's three larger EU projects and other future projects. Lene will also perform various administrative tasks in DAMRC. Lene is a graduate technician in the textile industry and has extensive experience in production and quality management as well as innovative projects. Lene can be contacted at : len@damrc.com

DAMRC's previous success in involving students in technology projects, has formed the basis for another student cooperation, so DAMRC welcomes Adrien Gonzalez. Adrien is working on his master degree in Industrial Engineering and Management at UTBM (Université de Technologie Belfort-Montbéliard, France). During his education, Adrien has had an internship at Airbus, Toulouse, France and as a part of his training, he has also chosen to study a semester at AU-Herning. DAMRC and Adrien are working on a project concerning implementation of Vibratory Stress Relief as an alternative to conventional thermic stress relief in the Danish machining industry. DAMRC has great expectations to the project, which will generate high industrial benefits in terms of savings in production time and energy.

DAMRC presented at DI conference.

On Oktober 7th, The Danish Chamber of Commerce, The Confederation of Danish Industry and Danish Regions were hosting a regional growth conference at Børsen, Copenhagen with the title: "Viden, der vækster" (Growth by Knowledge). Denmark has realised, that due to the tough international competition, Danish companies need to work smarter. The Minister of Science, Innovation and Higher Education Morten Østergård gave a live interview. The theme was, which initiatives the Danish government takes to transform knowledge into growth and the prospects for strengthening the collaboration between institutions of knowledge and the industry.

Collaboration between the industry and institutions of knowledge is one of the core businesses of DAMRC. As an example, this competence is used in an innovation project under "Genvej til Ny Viden"- Shortcut to New Knowledge. DAMRC is the project manager for this project at the company Vagn Pedersen Maskinfabrik placed in Hatting near Horsens.

At the conference, CEO Lars Ravn Nielsen from Vagn Pedersen Maskinfabrik explained about the cooperation with DAMRC, German scientists from Fraunhofer Institute for Productiontechnology IPT and scientist from Aarhus Universitet. A project, which has already - half way by now - achieved reduction in production costs between 15 and 20%. The accomplished cost reduction will be an important element in securing the



Lene Nielsen is employed from 4th November at the DAMRC as project assistant.



Adrien Gonzalez collaborates with the DAMRC in a project on implementation of Vibratory Stress Relief in Danish manufacturing industry.



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competitiveness of Vagn Pedersen Maskinfabrik in the intensive international competition.

CEO Lars R. Nielsen pointed out, that Vagn Pedersen Maskinfabrik's experiences in this project up till now have been

- New processes in production (methodology and systematics)
- Specific technical know how based on theoretical knowledge
- Learning and handling knowledge
- Better understanding of the knowledge institutions and the possibilities for future cooperation.

At Vagn Pedersen Maskinfabrik, they have realised that they would not have been able to implement the project by themselves, from writing the application, finding the right scientists and the project management without support from DAMRC. CEO Lars R. Nielsen expressed a wish for the establishment of a support function for project management in the future.

International collaboration in continuous progress

DAMRC has once again expanded its international network, giving possibilities of attracting new know how and technology for the benefit of the Danish machining industry. Recently, DAMRC has had a collaborative meeting with a delegation from CIC marGUNE – a similar organization from the Basque Country in northern Spain. CIC marGUNE is a fraction of a broad viewed organization with interests in various industries with participants from the academical society, the government agencies, industries and private research centers. CIC marGUNE's membership includes by example Tecnia, who is one of the the top European research centers in the area of industrial innovation. The joint interest of DAMRC and CIC marGUNE in innovation in the machining industry will be an obvious opportunity to develop future value adding projects with exchange of knowledge and technology in the context of education and research.

With the collaboration with CIC marGUNE, DAMRC has gained access to new options of collaboration partners in form of three universities and four centers of knowledge with a total of around 3000 employees.

DAMRC meets the communication form of the youth.

As a result of the municipality of Vejle and the SDE College joining as members, DAMRC is now using new ways of communication

For this semester, 8 groups of students at Technical College of Vejle have got the assignment to develop DAMRC App's. One of the App's applies to the industry for production optimization. Another is addressing the



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students at the vocational educations for learning purposes. The students will be learning about production processes and industrial solutions through a media familiar to them in searching for knowledge. The DAMRC App's will be introduced at a conference at Technical College of Vejle on January 17th 2014.



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Kind regards

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