

REMANUFACTURING UPDATE JANUARY 2016

RESEARCH & DEVELOPMENT NEWS FROM BAYREUTH



Editorial

Dear Readers,

it happens for the first time that you do not receive our newsletter on the first day(s) of a new quarter of the year.

I had granted my team (and myself) extended Christmas` and New Years` holidays after a really busy (and succesful) 2015.

So I hope for your understanding - and I look forward to welcome quite a few of you next week at the meeting of the European Remanufacturing Network. (see this page).

Enjoy reading!

Rolf Steinhilper



→ **Rolf Steinhilper**
University Professor
rolf.steinhilper@uni-bayreuth.de

BAYREUTH UNIVERSITY
UP Chair Manufacturing
and Remanufacturing
Technology

Presentation of European Remanufacturing Market Study Results at Fraunhofer in Bayreuth

In February 2015 the European Union granted funds for the European research project ERN

– European Remanufacturing Network. It sets out the formation, coordination and support of a business network over a period of two years.

The aims of the Remanufacturing Network will be achieved by:

1. Conduct Market Study: mapping the remanufacturing landscape in Europe for the first time.
2. Mapping best practices and challenges: collecting and disseminating practices and challenges in remanufacturing business models, processes and design.
3. Undertake joint actions to address challenges: supporting the industry with remanufacturing knowledge, tools and workshops.
4. Create sustainable partnerships: Raising the profile of the European remanufacturing industry through workshops, information and learning materials.

After ten months of work the first steps of the project have been completed. With the support of seven international research partners, the Fraunhofer Project Group Process Innovation will host a remanufacturing industry event in Bayreuth at the Fraunhofer Science Factory on January 21st and 22nd 2016, to which I would like to cordially invite you.

On January 21st, the results of the European market study will be presented together with successful business models as well as uncovered chances and challenges. These will be highlighted from different perspectives, represented by renowned researchers and companies from across Europe. A subsequent workshop will provide the possibility to discuss topics from the presentations in smaller groups, comment the results from the market study and contribute to the future project conduction in bringing in your own experiences. Following the workshops, a panel of experts including all speakers will answer the questions of participants. The day will be finished off with a networking dinner in the Fraunhofer Science Factory, giving you the possibility to get into contact with other participants and speakers and establish new contacts.

On January 22nd, the company Robotif GmbH will host a tour through their facilities near Bayreuth, granting participants the possibility to see a success story from the remanufacturing industry live and first hand. The agenda for the event, travel tips and an overview on the speakers are accessible via the link below:

http://www.lup.uni-bayreuth.de/documents/universitaere_forschung/Event-Agenda.pdf

→ **Steffen Butzer**
steffen.butzer@uni-bayreuth.de





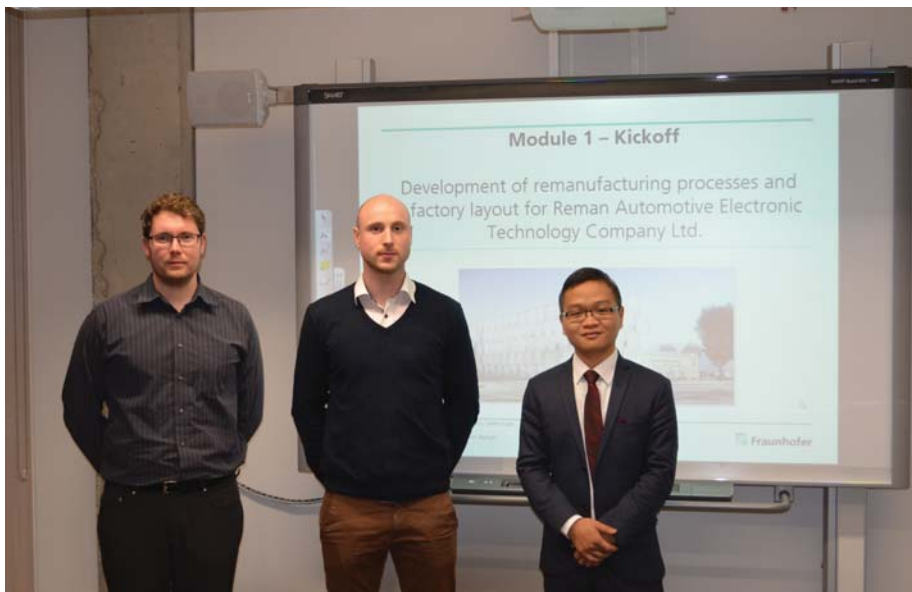
Electronic Product Remanufacturing in China

During the ReMatec 2015 Shuoguo Wei, a former PhD-student from Linköping, and scientists from Bayreuth met and discussed about the remanufacturing business in China.

After a lot of work, in November 2015 a new company called "Reman Automotive Electronic Technology Company Ltd." was registered in China.

With this ambitious goal in mind Shuoguo Wei went to Germany to plan the ramp up of the new company. Together with the scientists from the chair of manufacturing and remanufacturing technology a tough project plan including detailed steps and dates to fulfill the company's goals for the next year has been developed.

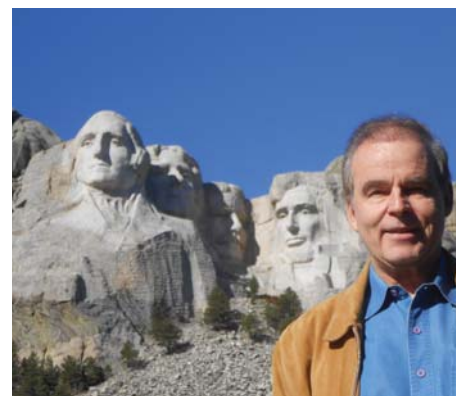
→ **Stefan Thäter**
stefan.thaeter@uni-bayreuth.de



This was the start of a strong relationship. Back to China and Germany the planning of a new remanufacturing company in the field of mechatronic and electronic products went on.

The company's main goal is to contribute to China's sustainable development, by serving the Chinese consumers with high-quality remanufactured mechatronic and electronic products.

Last but not least ...



WE WISH YOU ALL THE BEST FOR 2016!

Meet one of our Experts - Today: M.Sc. Simon Hohe

Today we would like to introduce Simon Hohe to you. He is our expert in process engineering and technical cleanliness at the chair of Professor Steinhilper at Bayreuth University.

Simon Hohe

Age: 27

Nationality: German

Career: 2008-2014 Bachelor and Master Degree in Chemical and Biological Engineering at the University Erlangen-Nuremberg, since 2014 Research Assistant



What are your activities in remanufacturing research?

Currently I'm working on the development of energy-efficient and environmental friendly cleaning solutions for mechanical and electromechanical parts in remanufacturing processes.

How did you come to remanufacturing?

With starting my career at Prof. Steinhilper's Chair Manufacturing and Remanufacturing Technology in 2014.

What do you do in your free time?

I like sports and spending time with family and friends.

What gives you pleasure?

Seeing that our project results have been implemented successfully and lead to enduring improvements.

What are your wishes for the reman branch?

Remanufacturing will be an obligatory end of life alternative for most products.

Imprint

Chair Manufacturing and Remanufacturing Technology
University of Bayreuth
Universitaetsstr. 30
D-95447 Bayreuth

Contact
Prof. Dr.-Ing. Rolf Steinhilper
Phone +49 (0) 921 78 516 106
sekretariat.lup@uni-bayreuth.de
www.lup.uni-bayreuth.de