Brose Prize 2014 rewards scientific research

The Brose Prize for dissertations and theses in the area of plastics engineering has been awarded for the eighth time. Prof. Peter Weidinger, Director Material Laboratories Brose Group (right), presented an award to Dr Leyu Lin in Düsseldorf for his PhD thesis.

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Two researchers have received the Brose Prize for their outstanding work on developing new processes and techniques in the area of plastics processing. International automotive supplier Brose awards the prize in collaboration with the Scientific Alliance of Polymer Technology (WAK). This year's award ceremony took place on October 7, 2014 at the Composites Europe trade fair in Düsseldorf.

Dr Leyu Lin became the first Chinese visiting researcher (University of Kaiserslautern) to receive the 5000-euro award. The panel of experts was impressed with his PhD thesis on "Processing controlled properties of thermoplastic-based nanocomposites". Martin Tschiersky (University of Duisburg-Essen) won the 4000-euro award for his Master's thesis on "The application of injection molding simulation to highly filled, conductive PPS compounds on the basis of process-related material data". He is currently studying in Japan, so was not able to receive the honor in person. "As an international automotive supplier, Brose attaches great importance to global cooperation. Both of this year's winners meet our global standards. Above all though, their work has given us good insights into current research and development issues in the area of plastics processing," says Prof. Peter Weidinger, Director Material Laboratories Brose Group.

The Scientific Alliance of Polymer Technology (WAK) awards prizes once a year for the best Bachelor's and Master's dissertations and PhD theses throughout Germany. The aim of the award is to document important advances in polymer science and technology and to motivate and support young engineers in their research. The prize is awarded in three areas: materials, design and processing.

It is the eighth time that Brose has sponsored the award. “Innovative materials and ways of processing them are gaining in importance in all our product groups. In donating this prize money, our company hopes to highlight the fact that plastics open up a wide range of possible designs and applications. At the same time, we want to make young engineers aware of an attractive area of work,” says Weidinger.

Around 30 acclaimed university professors belong to the Scientific Alliance of Polymer Technology (WAK). The submitted research theses are judged by a panel of German and international WAK members.