



Additive Industries
Industrialising 3D printing for functional parts

Press release

Additive World

e-Move and Bremen University winners of the Design for Additive Manufacturing Challenge 2015

Additive World Awards presented at 3rd Additive World Conference

On Wednesday March 4th, Prof. Brent Stucker, Chairman of the Jury announced the winners of the Additive World Design for Additive Manufacturing Challenge 2015. From a group of 34 contestants, both professionals and students, 3 finalists were selected per category. After the presentation of all finalists to the Jury, two winners were selected that succeeded best at achieving the assignment to redesign an existing product for additive manufacturing. Team e-Move optimised the design of the swing arm of an electric motorcycle for weight, reduced the number of parts from 16 to 1 and simultaneously increased the reliability by integrating the brake line into the frame. Team 'Cooling with Heat' from Bremen University demonstrated the large design freedom that comes with 3D printing to make an innovative heat exchanger inspired by nature. This cooling system converts heat produced by the computer's CPU to electricity used to power the cooling fan. The complexity of the small channels in the redesigned part is only possible to make using 3D printing and illustrate very well what this new technology has to offer. The winners took home the latest Ultimaker 3D printer, a free licence of Altair's design optimization software and a 3D metal printed Additive World Award by AddLab.

Besides the winners of the Design Challenge, Additive Industries presented three more Additive World Awards. On behalf of 3D Hubs, Bram de Zwart accepted the Pioneer Award for the impressive development of their worldwide network connecting 13.000 3D printers. Greg Morris of GE Aviation was awarded for the best industrial application for their additively manufactured fuel nozzle for the new Leap engine. With this fuel nozzle they have had an important impact on the worldwide acceptance of additive manufacturing as a reliable technology for critical functional parts. Finally, Additive Industries CEO Daan Kersten praised Brent Stucker for his extensive and valuable contributions to standardisation of 3D metal printing for the manufacturing industry and presented to him the Industrial Achievement Award.

<End of press release>

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3D Design &
Engineering



Prototyping &
Testing



Equipment &
Materials



Platform &
Virtual Factory

Please find enclosed some pictures/graphics. Please add: source: Additive Industries.

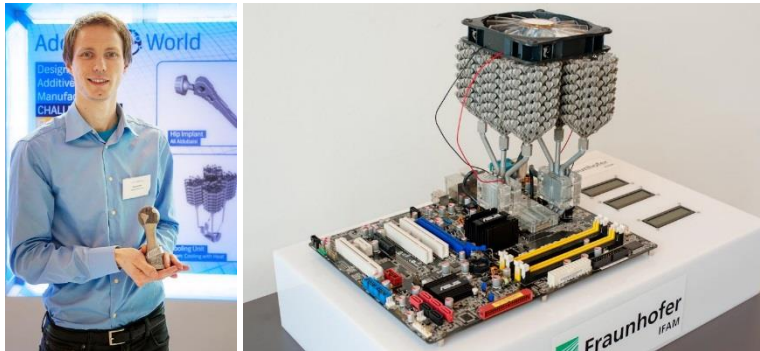
The pictures enclosed are:



1. Jury and finalists from left to right: Rein van der Mast (AddLab, Jury), Dorine Laheij (Settels Savenije van Amelsvoort, Finalist Professionals Category), Charles de Forges (Spartacus3D, Finalist Professionals Category), Erik de Bruijn (Ultimaker, Jury), Gilbert Peters (e-Move, Winner Professionals Category), Brent Stucker (3DSIM, Chairman of the Jury), Christophe Blanc (Finalist Students Category), Jonas Deitschun (Team Cooling with Heat, Winner Students Category), Michal Wanski (Altair, Jury), Giorgio Magistrelli (Cecimo, Jury), missing in the picture: Ali Aldubaisi (Finalist Students Category)



2. E-Move, Gilbert Peters, Winner Professionals Category, Swing arm redesign



3. Bremen University, Jonas Deitschun, Team Cooling with Heat, Winner Students Category, CPU Cooling

[More information](#)

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About Design for Additive Manufacturing Challenge

In order to grow the number of examples and inspire many other industries to develop dedicated applications for industrial 3D printing, Additive Industries has launched the first Additive World Design for Additive Manufacturing Challenge at the renowned Dutch Design Week in Eindhoven in October 2014. Competing in two categories, both professionals and students were encouraged to redesign an existing conventional part of a machine or product for 3D printing. The winners are announced at the Additive World Conference on March 4th, 2015 in Eindhoven.

Partners in the Design for Additive Manufacturing Challenge are leading CAE technology provider (e.g. Topology Optimization) - Altair Engineering and consumer 3D printer manufacturer Ultimaker. The contestants will be supported by Additive Industries' AddLab team in topology optimisation during the design process and the winners in both categories take home the latest Ultimaker 2 3D printer. Also the award winning designs will be printed in metal. On www.additiveworld.com more information on the Design Challenge can be found such as support by the AddLab team, evaluation criteria and how to submit your redesign.



About Additive Industries

Additive Industries has the ambition to bring industrial additive manufacturing/3D printing for selected high tech markets from lab to fab. We believe direct digital manufacturing of functional parts in various metals and ceramics will transform the industrial value chain. In an open innovation environment Additive Industries unites world class equipment manufacturers, material suppliers, designers, engineers, knowledge institutes, industrial suppliers and end-users to design, experiment, build and connect the next generation additive manufacturing systems and solutions.