Additive Industries
Industrialising 3D printing for functional parts

# Press release

Additive World

## Lareka and Cassidy Silbernagel winners Design for Additive Manufacturing Challenge 2017

Winning designs demonstrate broad potential of industrial 3D printing

On Wednesday March 15, Scott Summit, Chairman of the Jury announced the winners of the Additive World Design for Additive Manufacturing Challenge 2017. From a group of 76 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 make a new design or redesign an existing product for additive manufacturing. The 'Chocolate Shock Prevention Team' of Lareka Confectionery Equipment from The Netherlands won in the professionals category with their redesigned 'Sealer Arm' for a chocolate bar packaging line. The redesigned and 3D printed sealer arm successfully combined a substantial increase in the quality of chocolate packaging because of better temperature regulation with a reduction of 50 parts. The winner in the students category is Cassidy Silbernagel, from the University of Nottingham, UK. He won the Student category for the second time with a wonderfully redesigned carburetor including integrated moving parts, floats, light-weight internal lattice structures and optimized design to reduce the number of support structures. His design showed a skillful combination of unique characteristics of additive manufacturing.

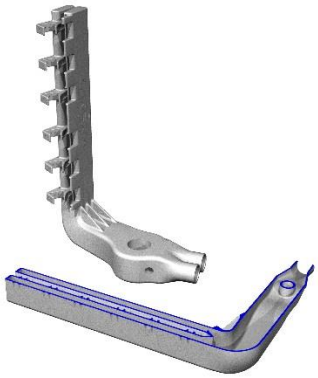
Besides the winners of the Design Challenge, Additive Industries presented two Additive World Awards. Dr.-Ing. Wilhelm Meiners, leader of the Fraunhofer ILT research group Rapid Manufacturing, received the Industrial Achievement Award for his research on the selective laser melting technology in the nineties and the extensive and broad contribution since then on development of materials, processes and applications. Moreover he has built a large community of additive manufacturing professionals that were trained and educated in his institute. Youping Gao of Castheon and Aerojet Rocketyne, accepted the Industrial Achievement Award for his extensive work on process and application development for additive manufacturing. He headed the team that certified the first 3d printed part for a manned space flight.

<End of press release>

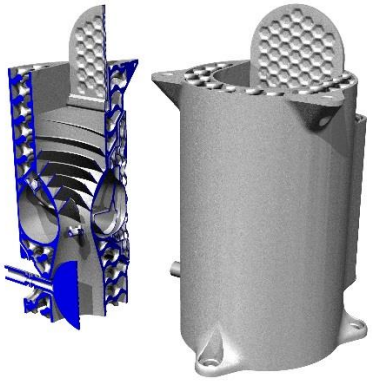
Pictures of the Winners of the Design for Additive Manufacturing Challenge can be found on the Press Room section of the www.additiveindustries.com website.

Additive Industries

The pictures enclosed are:

1. Winners in the professional category: Chocolate Shock Prevention Team (Lareka, the Netherlands) from left to the right:
   - Wim Caris
   - Jan-Willem van der Voort

2. Winner in the student category: Cassidy Silbernagel (University of Nottingham, UK)

Additive Industries

## More information

**Contact**
Daan A.J. Kersten, CEO
Mobile: +31 (0)653400630
E-mail: d.kersten@additiveindustries.com

**Additive Industries b.v.**
Leidingstraat 27, NL 5617 AJ  Eindhoven, The Netherlands
P.O. Box 30160, NL 5600 GA  Eindhoven, The Netherlands
www.additiveindustries.com

**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 second Additive World Design for Additive Manufacturing Challenge at the renowned Dutch Design Week in Eindhoven in October 2015. 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 were announced at the Additive World Conference on March 23rd, 2016 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 and Autodesk's NetFabb software. All finalists receive a licence of Altair's Inspire software and Autodesk Fusion 360. Besides that the award winning designs will be printed in metal by AddLab.

**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.