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#IEW2018 #EISENWARENMESSE

EISENWARENMESSE - INTERNATIONAL HARDWARE FAIR 2018: 3D printing - potentials of the additive production

In cooperation with the future agency HAUTE INNOVATION from Berlin, EISENWARENMESSE - International Hardware Fair Cologne 2018 is presenting a special exhibition from 4 to 7 March as well as an event programme focusing on additive production and spare part production. The exhibition provides an overview of the potential of additive production for DIY stores, the specialised trade and the online trade, the spare part production using additive production methods as well as insights into new business models with 3D printing and co.

According to the forecasts of the financial experts of the ING Bank from the Netherlands, 50 percent of all goods will be manufactured with the help of 3D printers by the year 2060. It is thus an opportunity, but also a necessity that the hardware industry occupies itself with the potential of 3D printers. Because in a rapidly developing new field of technology, this not only results in new business models for the production plants. The trade and in particular the logistics section are also going to be faced with changes in the coming years. Companies like the Deutsche Bahn have already begun to convert their spare parts logistics for old trains over to processes that involve additive production methods, which ultimately leads to significant cost optimisations. New business models are also developing in the DIY store, specialised and online trade environments too. For example, many of the leading trading firms have started offering 3D printing services together with a platform, which offers the creative DIY enthusiast new possibilities for carrying out individual projects and creating precise individual and spare parts.

Consisting of over 30 exhibits, the special exhibition at EISENWARENMESSE - International Hardware Fair Cologne presents what is already possible today using additive production: Among others spare parts the Deutsche Bahn has produced using 3D printers, a lampshade made of biodegradable printed filament, 3D printed textiles made of nylon and components printed using metal filament printers. Throughout the entire duration of the trade fair, among others the first carbon printer in the world from the USA, a desktop laser sintering machine and a plastic filament large-scale printer will be available for the live presentations of 3D printers. The trade visitors can gain know-how in the course of many lectures on themes such as "Additive production in the production, trade and logistics sectors" by Dr. Sascha Peters (HAUTE INNOVATION), "Large-scale filament printers and desktop SLS machines," by Joachim Schmidt (Picco's 3D World, Deggendorf), "Carbon printers and metal filament printers" by Joachim Kasemann (Mark3D Deutschland GmbH, Aalen) and "3D printed security steel keys" by Alejandro Ojeda (Urban Alps



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AG, Switzerland). The complete lecture programme can be found on the website of EISENWARENMESSE - International Hardware Fair Cologne.

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Note for editorial offices:

EISENWARENMESSE - International Hardware Fair 2016 photos are available in our image database on the Internet at www.eisenwarenmesse.com in the “Press” section.

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