

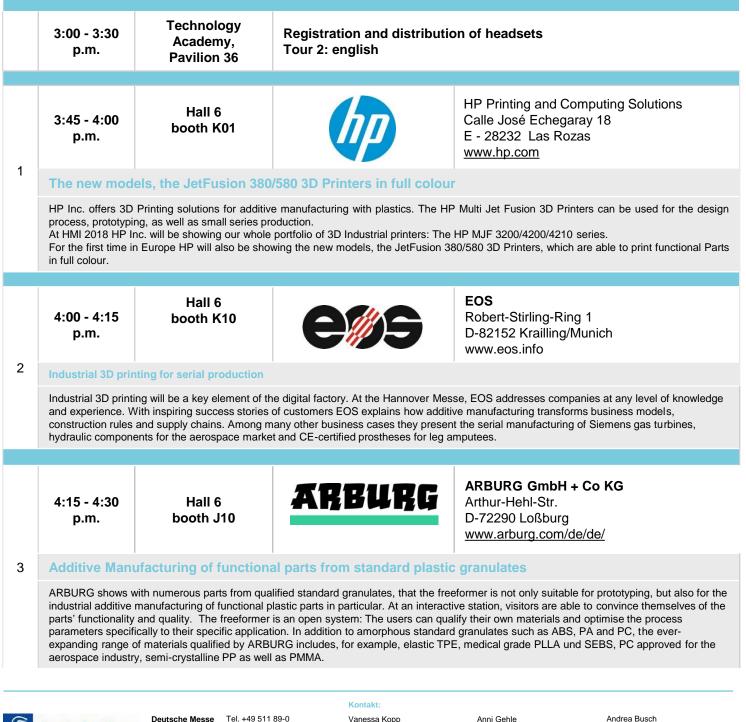


Status as of: 15 April 2018

23 – 27 April 2018, Hannover, Germany

## 4. Additive Manufacturing Symposium GuidedTour "Additive Manufacturing" Tour 2: English

Tuesday, 24 April 2018 / Tour start: Technology Academy, Pavilion 36



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## 4. Additive Manufacturing Symposium **GuidedTour "Additive Manufacturing" Tour 2: English** Tuesday, 24 April 2018

4	4:35 - 4:50 p.m.	Hall 6 booth J10	SIEMENS	Siemens AG Frauenauracher Str. 80 D-91056 Erlangen www.siemens.com/additive-manufacturing
	Additive manufacturing accelerates the automotive industry - Real-life Example: Bugatti Chiron			
	As Siemens PLM Software we will show a complete software solution for additive production with NX at our booth J30 in hall 6. NX enables the realization of a continuous process chain in one system, even for complex printing processes. The results are high-quality products manufactured as standard on additive manufacturing machines. Using the practical example of a Bugatti Chiron vehicle aerodynamic control system, we show you the performance of our solutions, from simulation-driven, generative design of bionic components to 3D pressure simulation and the production of thin-walled titanium components using the SLM process.			
5	4:45 – 5:00 p.m.	Hall 6 booth H18		CADFEM GmbH Marktplatz 2 D-85567 Grafing b. München www.cadfem.de/
	Topology Optimization and Process Simulation for Additive Manufacturing			
	Numerical simulations are closely linked to additive manufacturing processes. In addition to the synergies of simulation-based topology optimization with the flexible design options of additive manufacturing, the virtualization of the production process of the product also offers immense potential. Thus, it is the only practicable way to predict the thermal stresses created by the high local heat input during the melting process, i.e. to determine the resulting distortion of the component in advance and to avoid misprints. At the CADFEM stand, you will get a compact overview of the new ANSYS software solutions for additive manufacturing.			
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6	optimization with t immense potentia process, i.e. to de compact overview 5:05 - 5:20 p.m.	he flexible design options of a I. Thus, it is the only practical termine the resulting distortio of the new ANSYS software Hall 6 booth J05	additive manufacturing, the virtualization of the vay to predict the thermal stresses in of the component in advance and to solutions for additive manufacturing.	avoid misprints. At the CADFEM stand, you will get a <b>3D Systems</b> 333 Three D Systems Circle Rock Hill, South Carolina 29730 <u>www.3dsystems.com/</u>
6	optimization with t immense potentia process, i.e. to de compact overview 5:05 - 5:20 p.m. From Prototyp 3D Systems is sho companies to bring printed prototypes modular productio	he flexible design options of a I. Thus, it is the only practical termine the resulting distortio of the new ANSYS software Hall 6 booth J05 bing to Production With wcasing industrial-grade, har g more innovative design and , jigs and fixtures, moulds and n solution enabling digital mo	additive manufacturing, the virtualization of the component in advance and to solutions for additive manufacturing.	avoid misprints. At the CADFEM stand, you will get a <b>3D Systems</b> 333 Three D Systems Circle Rock Hill, South Carolina 29730 <u>www.3dsystems.com/</u>
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