Additive Manufacturing Simulation: Simufact presents their solutions and case study under the umbrella of Hexagon

In time for formnext, Simufact introduces new product version of Simufact Additive 3 – Live demos offer insights

Hamburg, Germany, October 30, 2017 – At this year’s formnext fair in Frankfurt/Main (Germany), Simufact Engineering provides first insights into the third generation of Simufact Additive, their solution for the simulation of metal additive manufacturing processes. Through the introduction of thermal-mechanical analysis methods, Simufact paves the way of bigger and smaller novelties. Meet Simufact and e-Xstream under the umbrella of Hexagon Manufacturing Intelligence in hall 3.0 at stand F27. Digimat-AM is e-Xstream’s solution for the simulation of 3D printing processes in plastics and composites. Simufact as well as e-Xstream are part of MSC Software, a computer-aided engineering (CAE) specialist, who has been acquired by Hexagon Manufacturing Intelligence earlier this year.

Discover new functionalities in Simufact Additive 3 during Live-Demo

In time for formnext fair, Simufact brings to market the next version of their solution for the simulation of additive manufacturing processes. Highlight of Simufact Additive 3 is the thermo-mechanical calculation method, which in addition to mechanical simulation shows the effects of thermal energy on the additively manufactured part: With this calculation method users can now determine deformation as well as the influence of the base plate to the component. Simufact will present these and further novelties in the context of live-demos on their formnext booth.

Efficient software for the simulation of additive manufacturing processes

Since Simufact launched Simufact Additive at the end of year 2016 and provided a software solution for the simulation of metal-based additive manufacturing processes, the clocks are ticking a bit faster at Simufact. With Simufact Additive the Hamburg/Germany based company not only convinced trial customers but also built up a quite remarkable customer base with companies of the sectors Aerospace and Defence, Automotive and AM-suppliers. That gives Simufact a tail wind and the certainty that users already achieve clear practical benefits from the first product version and the use of process simulation is profitable.

LightHinge+ - innovative lightweight construction for the automotive industry

In co-operation with EDAG Engineering and voestalpine Additive Manufacturing Center, Simufact demonstrates with the innovative LightHinge+ project the potential of additive manufacturing technologies for the automotive production. LightHinge+ is an additively manufactured hood hinge, which combines lightweight and increased safety in a single construction. At formnext fair Simufact will present the results of this constructive co-operation and represents the role of process simulation.
Simufact events at formnext fair

Simufact press conference

Take part in our press conference in order to learn more about the product novelties of Simufact Additive 3 as well as the LightHinge+ project.

Date: Wednesday, November 15, 2017
Time: 12:15 – 12:45 (noon)
Location: Hall 3, Level Via, Foyer West, Room Fragment

Presentation at the formnext conference

„Simufact Additive – a powerful software tool to simulate the Additive Manufacturing process chain“

Speaker: Dr. Patrick Mehmert, Product Manager Simufact Additive

Date: Wednesday, November 15, 2017
Time: 14:15 – 14:30 pm
Location: Exhibition forum in hall 3.1 – B10

Meet Simufact at the Hexagon stand in Hall 3.0, F27.
Download accompanying press pictures from the Simufact website.

About Simufact

Simufact Engineering – an MSC Software company – is a global operating software company providing process simulation products and services to manufacturing industries. Today, after more than 20 years of developing and supporting simulation solutions for the design and optimization of manufacturing techniques in metal processing, the Hamburg (Germany) headquartered company has established as one of the leaders in this business area. Simufact succeeds in extending its global market share backed up by a dynamically growing customer base exceeding a number of 700 customers. A strong and continuously growing network composed of local offices and channel partners ensures global support. The software primarily aims at the automotive industry, mechanical engineering, aerospace industry and their respective suppliers. Typical fields of application for Simufact software are hot forging, cold forming, sheet metal forming, rolling, ring rolling, open die forging, mechanical joining, heat treatment, different welding processes, and additive manufacturing. Learn more at simufact.com and follow us @Simufact.

MSC Software is part of Hexagon, a leading global provider of information technologies that drive productivity and quality across geospatial and industrial enterprise applications.

Hexagon’s solutions integrate sensors, software, domain knowledge and customer workflows into intelligent information ecosystems that deliver actionable information. They are used in a broad range of vital industries.

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 18,000 employees in 50 countries and net sales of approximately 3.1bn EUR. Learn more at hexagon.com and follow us @HexagonAB.
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