

 INTERNATIONAL 

METAL ADDITIVE MANUFACTURING WORKSHOP - 27.6.2018 - VUT Brno



Detailed insight into end-to-end integrated solutions from generative design through process planning to virtual printing - **v english language**  >>> [registration](#)

Print to perform!

Supported by [CZECH 3DEXPERIENCE METAL ADDITIVE MANUFACTURING CENTER](#)



- WHEN:** wednesday 27. June 2018 from 9 a.m.
- WHERE:** Technical university in Brno - [NetMeCenter](#)
- WHAT:** Metal parts topological optimization in 3DEXPERIENCE platform
- FOR:** Engineer, designer or manager interested in additive manufacturing design, part topology and technology
- BY:** Dassault Systemes, Technodat, CAKV, Metal3D, VUT
- TOOLS:** 3DEXPERIENCE platform (CATIA, SIMULIA, DELMIA), Renishaw AM250

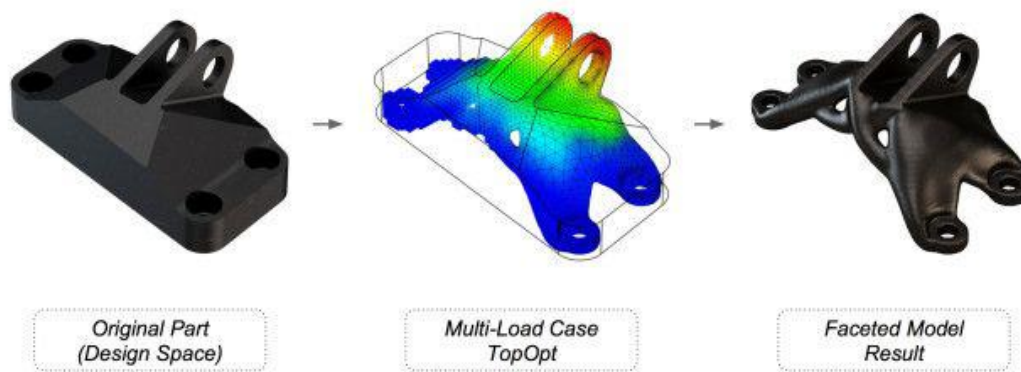
[Register now](#) for the forthcoming “Additive Manufacturing Workshop : Print to Perform” event in Coventry.

Additive Manufacturing and Generative Design revolutionize how production parts are conceived and produced. This is truly a revolution in the world of manufacturing because it enables highly functional and efficient designs, reduces waste, simplifies supply chain logistics and democratizes product creation.

Dassault Systèmes offers a full portfolio of integrated applications for additive manufacturing that work seamlessly across design, manufacturing and in-service performance. A digital thread that connects, integrates and intuitively captures design, materials and manufacturing, is key for functional parts.

Our end-to-end solution portfolio in **3DEXPERIENCE**, backed by multi-physics simulation, enables such a transformation through a unified and simplified interface. **3DEXPERIENCE** provides designers, simulation analysts and manufacturing specialists a rich set of additive manufacturing applications for generative design, build planning, virtual print and shape compensation.

We look forward to meeting with you at this hands-on workshop to provide you with a detailed insight into our end-to-end integrated solutions from generative design through process planning to virtual printing and post processing with reverse shape optimizer. During the practical section of the workshop you will also have the opportunity to apply and experience our solutions live with the help of our AM experts.



Program - 27.6.2018

- 9:00 – 9:30 **Registration & Welcome**
- 9:30 – 10:00 **Introduction and Overview: Process for Additive Manufacturing**
- Design for AM – Functional Generative Design**
- 10:00 – 10:30 **Overview and Technical Background**
- 10:30 – 10:45 Coffee Break
- 10:45 – 12:15 **Hands-on Functional Generative Design Workshop**
- 12:15 – 13:15 Lunch
- AM Print Preparation:**
- 13:15- 13:45 **Overview and Technical Background**
- 13:45 – 14:15 **Hands-on Print Preparation Workshop**
- 14:15 – 14:30 Coffee Break
- Physics Based Print Simulation**
- 14:30- 15:00 **Overview and Technical Background**
- 15:00 – 16:00 **Hands-on Print Simulation Workshop**
- 16:00- 16:30 **Discussion and Closing Remarks**

Limited attendance - max.20 participants

Community, colleagues, friends of [CAVK - 3DEXPERIENCE center of additive manufacturing](#):



First meeting of [CAVK](#) took place on **9. 1. 2018** in science academi in Prague, more [HERE](#).
16 important persons from the industry were present.



Second meeting took place on **6.2.2028** in CAVD. 28 important persons were present. [Article here](#)

