

# ANNOUNCING

## *Design For Additive Manufacturing*

*5 - 7 December 2018, Melbourne, Australia*

**Delivered by:** Wohlers Associates and RMIT Centre for Additive Manufacturing

**Location:** Advanced Manufacturing Precinct  
RMIT University, 58 Cardigan St, Carlton

**Cost:** \$ 4,000

You are invited to attend a special three-day course on design for additive manufacturing (DfAM). Topics covered in the training include the consolidation of many parts into one and methods to reduce material and weight, such as topology optimization and lattice/mesh structures. It includes best practices and a wealth of DfAM guidelines. Participants will gain valuable hands-on experience by designing real parts and building them on industrial AM equipment.

### *Benefits of DfAM*

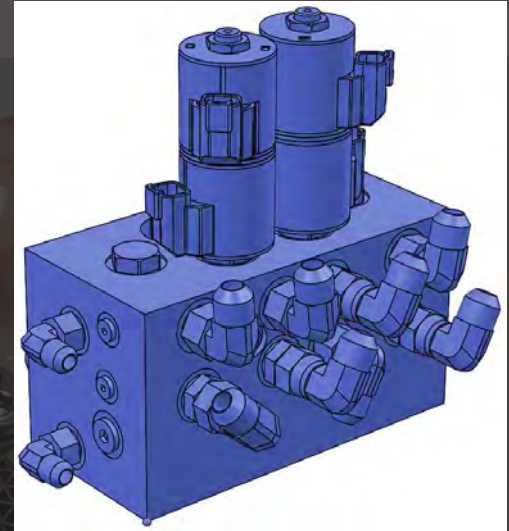
The images show a hydraulic manifold for Atlas Copco mining equipment. The top version is a conventionally machined manifold with 12 nozzles that must be installed. The bottom version was redesigned for and produced by additive manufacturing. The AM version reduced weight by 91% and consolidated 13 parts into one, resulting in lower assembly cost, less weight and scrap, and the elimination of potential leakage points. Learn how to design these and many other types of parts in this special DfAM course.

### *You will...*

- Become familiar with DfAM guidelines and best practices
- Design, redesign, and optimize products
- Use your favorite design software (if you are a CAD user)
- Gain experience with best-in-class DfAM software such as Inspire from solidThinking and the lattice-structure capabilities in Magics from Materialise

### *Who should attend...*

The DfAM course is targeted at designers, engineers, and managers wanting to learn how to design parts that fully benefit from additive manufacturing. It is ideal for those involved in aerospace, medical, motor sports, energy/power, industrial machinery, automotive, and consumer products.



### **Further information**

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