CENTER of EXCELLENCE
Research to Standards
ADDITIVE MANUFACTURING

DfAM
Design for Additive Manufacturing

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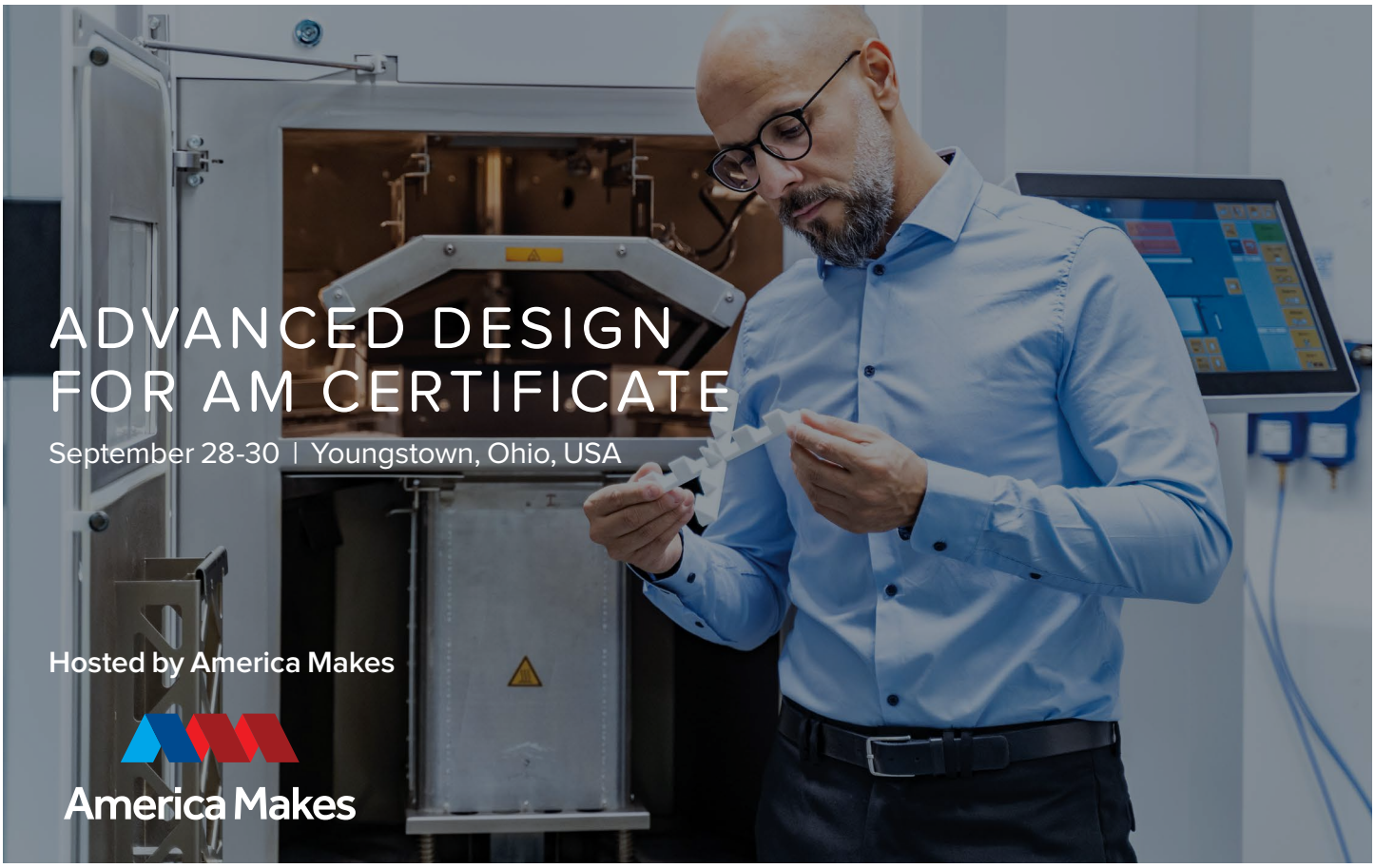

ADVANCED DESIGN FOR AM CERTIFICATE

September 28-30 | Youngstown, Ohio, USA

Hosted by America Makes

America Makes

About the course

The course presents best practices and includes a DfAM guidelines document that has been created over the years. It includes design rules and guiding principles for most AM processes and materials, with an emphasis on building high-quality, functional parts. Examples include minimum wall thicknesses, smallest diameters for pins and holes, the building of screw threads, clearances for moving parts, and overhanging features.

Participants will gain valuable hands-on experience by designing real parts and building them on industrial AM equipment.

Audience

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.

Course topics

- DfAM guidelines and best practices
- Design, re-design, and optimize products
- Using 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

Instructors:

Olaf Diegel
Wohlers Associates, powered by ASTM International

Terry Wohlers
Wohlers Associates, powered by ASTM International

For more information

wa@wohlersassociates.com | www.wohlersassociates.com/dfam2022