Webinar: Metal Casting with 3D Printing – Finding Value from Design to Production

written by Lauri Moon | June 12, 2018

While direct printing of metal is widely discussed and promoted, the high costs and technical difficulty involved means that many products and applications are better addressed through a mature manufacturing process like metal casting.

In this webinar, we will look at how desktop stereolithography (SLA) 3D printers are being used to directly print patterns, how to work with SLA patterns for investment casting, and how the benefits of generative design are increasing the demand for printed patterns.

What You'll Learn:

- How to direct create tool-free investment casting and sand casting patterns with low cost desktop printers
- How to work with SLA patterns for investment casting processes
- How to take advantage of 3D printing's design freedom to create complex, high-value components
- How to print quick-turn prototype molds for wax injection

Speaker

Andrew Edman, Applications Engineer, Formlabs

Andrew Edman is an applications engineer at Formlabs focused on using additive technologies to create value in manufacturing and industrial workflows, like using 3D printed tooling to bridge from prototype to production. Prior to Formlabs, Andrew worked as a design and engineering consultant, helping startups and Fortune 500 companies develop products from concept through to scale manufacturing.

Sponsored by

Register

By clicking above, I acknowledge and agree to Informa's Terms of Service and to Informa's use of my contact information to communicate with me about offerings by Informa, its brands, affiliates and/or third-party partners, consistent with Informa's Privacy Policy. In addition, I understand that my personal information will be shared with any sponsor(s) of the resource, so they can contact me directly about their products or services. Please refer to the privacy policies of such sponsor(s) for more details on how your information will be used by them.