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Dynamic Beam Lasers: Introducing New Parameters for Laser Welding

Thursday, October 20, 2022 10:00 AM - 11:00 AM EDT

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Presented by



.: About This Webinar

Asaf Nissenbaum, Ph.D., shares new parameters for the Dynamic Beam Laser created by Civan Lasers. The laser's unique power distribution provides complete control of the melt pool and keyhole, which greatly reduces spatter, hot cracks, and porosity. This technology also provides new opportunities for laser materials processing applications by increasing their capabilities, as well as production speed and volume. The Dynamic Beam Laser can be quickly programmed to move seamlessly between different workpieces and processes, maximizing each machine's output.

Who should attend:

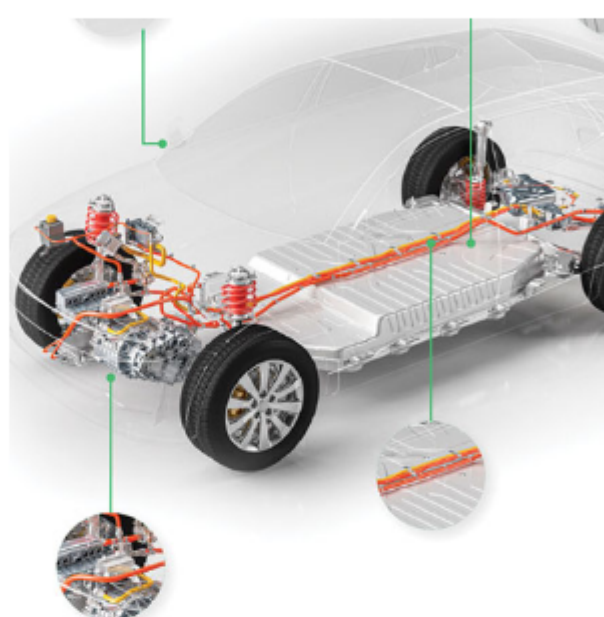
R&D scientists, engineers, manufacturing and production managers, quality control specialists, and consultants for lasers and laser systems that are used for industrial materials processing for both custom and commercial manufacturing. Those in industries such as aerospace, automotive, defense, and test & measurement.

About the presenter:

Asaf Nissenbaum, Ph.D., is a metallurgy researcher at Civan Lasers, where he focuses primarily on the process development of advanced laser-based materials processing. He received a bachelor's degree in advanced materials engineering from the Jerusalem College of Engineering and master's and doctorate degrees in chemistry from the Department of Materials and Interfaces at the Weizmann Institute of Science.

About Civan Lasers:

Civan Lasers is the first company to offer Coherent Beam Combining lasers for materials processing, providing a new set of parameters for laser welding, cutting, and additive manufacturing. It specializes in the manufacture of high-power fiber lasers with dynamic beam-shaping capabilities. The company's technology allows manufacturers to control beam shape, frequency and sequence, and focus steering to eliminate spatter.



.: Mark Your Calendar

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