

# Stan Ream

## Technology Leader Lasers and Fuel Cells



### TECHNICAL EXPERTISE

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Stan Ream is an internationally recognized expert in industrial lasers, process development and analysis, and manufacturing systems design and performance. As laser technology leader at EWI, Stan focuses his experience on solutions to the joining challenges facing all EWI industry sectors.

### BACKGROUND AND PROJECT EXPERIENCE

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Stan is a pioneer in the development of laser materials processing technologies. Starting in the '70s with his participation in high-power laser welding development for the Air Force, Navy, and NASA, he has continued to contribute to a broad range of laser applications and production implementations. Through his previous diverse employment experiences including Sciaky Bros., AVCO Everett Research Laboratories, IIT Research Institute, Battelle, Amada, GE Fanuc, and Worthington Industries (TWB), and at

EWI, he has gained a broad perspective on the technological and marketing forces that have shaped the laser materials processing world.

Stan holds eleven patents in laser and electron beam technologies. He is a two-time recipient of EWI's Technical Excellence Award.

### EDUCATION

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B.S. Welding Engineering, The Ohio State University  
M.S. Welding Engineering, The Ohio State University

### PROFESSIONAL AFFILIATIONS

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Laser Institute of America (Fellow)  
American Welding Society (Life Member)  
American Society of Mechanical Engineers (Life Member)



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