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DEPS Introduce Three New Fellows

ALBUQUERQUE, NM, Feb. 12. – Announced on Monday, Dr. Justin Mansell, Dr. Paul Merritt, and Mr. Paul Shattuck are the newest candidates to be invested as Fellows of the Directed Energy Professional Society (DEPS) for their extensive contributions and distinguished service to the DE (Directed Energy) community. Candidates must have at least 10 years of active practice in DE-related fields such as high power lasers, optics and high power radio frequency technologies to be considered for Fellow.

Dr. Paul Merritt, retired Mechanical Engineer and part time consultant for Schafer Corp., was recognized for his 43 years of revolutionary achievements in beam control, pointing and tracking techniques, for high energy laser (HEL) systems. Merritt, a Technical Fellow of SPIE as well as a Senior Technical Fellow of Boeing, played an integral role in both the Airborne Laser (ABL) and Space Based Laser (SBL) programs, introducing active tracking techniques against boost missiles; and has since written and published two books for DEPS, as well as worked for Boeing, SVS, AFRL/RDL and the University of New Mexico.

Mr. Paul Shattuck, Director of DE Systems for Lockheed Martin Space Systems, was recognized for his 40 plus years of ground-breaking work on the development and maturation of beam control technologies for High Power Laser DE Systems. Shattuck's most significant contributions were in two of the largest DoD HEL efforts, the SBL and ABL programs, where he led a ground-based simulation of the SBL's beam control system as well as served as the Director of the ABL during development, integration and testing. Shattuck has received numerous awards for his efforts in this field including the Technology

Achievement Award, Engineer of the Year and most recently, the Outstanding Aerospace Engineer by his Alma Mater, Purdue University.

Dr. Justin Mansell, Vice President and Chief Technology Officer for MZA Assoc., was recognized for his development of advanced laser models in the wave optics code, WAVETRAIN, which has been used to successfully model the COIL, RADICL, and TEXTRON JHPSSL lasers. Mansell's design and development of novel high power, low cost adaptive optical components have been critical to the success of the DE Beam Control and High Power Laser Communities.

"The Society is extremely honored to recognize these three individuals for their contributions to the DE community. They will be formally recognized at the DEPS Annual Science & Technology Symposium on 28 Feb. in Oxnard, CA," said DEPS Executive Director, Mark Neice.

The Directed Energy Professional Society fosters research, development and transition of directed energy (DE) technologies, including high energy laser (HEL) and high power microwave (HPM) technologies, for national defense and civilian applications through professional communication and education. For more information, visit www.deps.org

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