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DEPS Welcomes Four New Fellows

ALBUQUERQUE, NM, May 14 – The Directed Energy Professional Society (DEPS) is pleased to announce four new Fellows, Dr. Christopher Lloyd, Dr. Diana Loree, Robert Ulibarri, and Dr. Matthew Whiteley. Fellows will be inducted May 21, 2024, at the Annual Directed Energy (DE) Science and Technology Symposium in Colorado Springs, Colorado. These esteemed members of the DE community have provided notable service to the DEPS organization, significantly contributed to the advancement of DE technologies, and are recognized by their peers for their leadership or technical accomplishments. Each has at least 10 years of active practice in DE-related fields such as high power lasers, optics and high power microwave technologies.

Dr. Christopher Lloyd, Naval Surface Warfare Center Dahlgren Division, is a recognized world expert in high energy laser lethality and target vulnerability. Dr. Lloyd serves as a DE subject matter expert to the Office of the Chief of Naval Operations, Program Executive Office Integrated Warfare Systems, and the Office of Naval Research, and serves as a lead instructor on DE lethality both domestically and in the international community, participating in multiple DE task groups.

Dr. Diana Loree, Air Force Research Laboratory (AFRL), has been an outstanding engineer, program manager, technical leader in AFRL, and has been a DEPS leader for decades. Dr. Loree has made significant technical contributions to the field in both lasers and high power microwaves. As a board of director member, Loree has been responsible for the successful DEPS fellows and research grant

programs as well as sponsoring numerous DEPS symposia and sessions, presenting relevant and timely content.

Robert Ulibarri, AFRL, is an exceptional laser lethality technologist, pioneer, and leader whose career-long meritorious contributions will continue to have an enduring impact on current and future high energy laser weapon programs. Ulibarri has been a constant contributor of technical content to DEPS, providing presentations, reviews, and chairing sessions for DEPS.

Dr. Matthew Whiteley, MZA Associates, has been a leader in the characterization and compensation of aircraft aero-effects on laser stabilization and propagation. Dr. Whiteley led the development of aero-effects compensation algorithms, and designed and executed numerous airborne experiments greatly expanding the understanding of aero-optical and aero-mechanical effects. Whiteley has chaired countless technical sessions as well as presented technical papers in support of DEPS.

“These four professionals represent the best of academia, industry, and government service careers. They join a distinguished list of prior electees after having been elevated, by their peers, for their notable contributions in both the technology and their leadership. We wish them all continued success in their careers and thank them again for their sustained service to the DEPS and DE community. Please join us in congratulating each of them on this most notable achievement,” said Jeff Maloney of the DEPS Board of Directors.

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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