



Connecticut Medal of Technology

Anthony J. DeMaria, Ph.D.

Chief Scientist, Coherent-DEOS LLC

Professor-In-Residence, Electrical & Computer Engineering Department,

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Storrs, CT

Anthony J. DeMaria is hereby recognized for his outstanding contributions in the fields of photonics and lasers. Over his 49-year career, he has achieved notable success in the technology, educational and business worlds. He has been recognized for his pioneering research in picosecond laser pulse physics, and in 1994, he founded DeMaria ElectroOptics Systems (DEOS), serving as the Bloomfield company's CEO and chairman.

DEOS, which designs and produces leading-edge carbon dioxide and far infrared lasers, was sold in 2001 to Coherent Inc., where he is now the chief scientist. Coherent-DEOS now employs approximately 240 people in Connecticut and ships in excess of 8000 CO2 lasers per year throughout the world. Prior to founding DEOS, Dr. DeMaria spent more than 33 years advancing electronics and photonics research at United Technologies Research Center.

Dr. DeMaria has published two books, scores of journal articles and has received 45 patents. For over 20 years he has also taught at the University of Hartford, the Hartford Graduate Center, the University of California in Los Angeles, the California Institute of Technology, and the University of Connecticut. He is a member of the prestigious National Academy of Engineering, the National Academy of Sciences and the Connecticut Academy of Science and Engineering, where he served as its president for six years (1994-2000). He has lectured throughout the world and consulted for the U.S. Departments of Defense, Energy and Commerce as well as numerous universities.