

Central Pennsylvania
NEWSLETTER

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JANUARY 1990

IEEE JANUARY MEETING ANNOUNCEMENT

Speaker : Dr. Edward G. Liszka
Applied Research Laboratory, Penn State

Topic : Research Activities at the Applied Research Laboratory, Penn State

Time and Place : January 18, 1990 - - 8.00 P.M.
Applied Research Laboratory, Executive Conference Room, 2nd floor

A dinner at 6.00 P.M. is planned prior to the meeting, at the Tavern Restaurant 220 East College Avenue. Reservations for dinner can be made by calling Joan Andrews at (814) 863-1618, before January 18, 1990, 12.00 Noon.

ABSTRACT

The Applied Research Laboratory at Penn State is performing a variety of research projects in the undersea technology field. The efforts are focused on primarily four areas: guidance and control of undersea vehicles, thermal energy and power systems, hydrodynamics and turbomachinery, and manufacturing science and materials. The scope of the work includes development of basic theories, proof of concepts through numerical modeling and simulations, and experimental verification both in ARL laboratory facilities and in-situ testing in ocean environments. Dr. Edward Liszka, the Associate Director for Technology at ARL, will present a summary overview of ongoing research activities.

BIOGRAPHICAL SKETCH

Dr. Edward G. Liszka is Associate Director of the Applied Research Laboratory (ARL), The Pennsylvania State University. He directs the major technology and development programs performed by ARL for advanced systems and other undersea applications. Dr. Liszka's background and experience in Navy systems and technology led to his assignment as manager of the Navy's technology block program for Undersea Guidance and Control. His former position was Technical Director of the Advanced Lightweight Torpedo (Torpedo Mk 50) Project with the Naval Sea Systems Command, PMS 406. In previous assignments, Dr. Liszka has served as the U. S. National Leader on technical data exchange agreements with eleven countries for undersea technology. His prior background and responsibilities included management and direction of undersea technology programs at the Naval Sea Systems Command. He has been awarded the Navy Superior Civilian Service Award and Special Achievement Award for Sustained Superior Achievements.

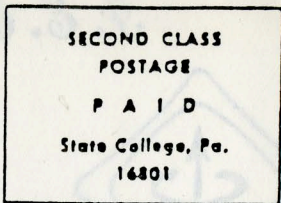
Dr. Liszka received his B.S. degree in Electrical Engineering and M.S. degree in Engineering Acoustics from Penn State. He received his Ph.D. in Acoustics from the Catholic University of America, where he also taught a graduate level acoustics course.

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JANUARY 1990

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ABSTRACT

PROFESSOR GEOFFREY L. WILSON RECEIVES ENGINEERING AWARD

Mathematics and Physics Professor Dr. Geoffrey L. Wilson of the Johnson C. Smith University (JCSU) received an award on November 17, 1989 from the Charlotte Section of IEEE as OUTSTANDING ENGINEERING EDUCATOR for the Charlotte Section. Prior to coming to JCSU Dr. Wilson spent 26 years at the Penn State Applied Research Laboratory and had served the Central Pennsylvania Section of the IEEE in various capacities, including Chairman during the year 1984-1985. He was recognized for his stellar record as an educator and especially for his intensive efforts to improve the education of the minorities.

ANNOUNCEMENT

Materials for publication in the IEEE Newsletter can be forwarded to R. Natarajan (Raj), 118 M.S. Building, Penn State University. The topics include promotions, awards, other significant accomplishments relevant to the local IEEE Chapter.