



**Jon R. Mancuso**

With our deepest regret, we announce the passing of our good friend and colleague Jon R. Mancuso, on the evening of June 13, 2007. Jon was the Chief Technology Officer for Emerson Power Transmission's Couplings division.

According to his colleagues, Jon was the best technical resource of the AGMA Coupling Committee for many years, both through his books and articles as well as his knowledge and recollection of technical data.

Jon was recognized throughout the industry as one of the world's leading authorities on coupling design and application. He was a well respected leading engineer known for his tenacity and quick wit. Jon joined Kop-Flex in September, 1989 as Manager of Special Projects and was a key contributor to the success of the company. Prior to that he was the Chief Engineer for Zurn, a power transmission product manufacturer.

He was a prolific writer, authoring well over 50 technical articles and publications on power transmission couplings. It was his leadership, expertise and innovative thinking that led to the several patents. Among his many patents was the multiple diaphragm coupling used mainly in the petrochemical industry and a process to grind carburized gearing used in mainly steel mill spindle couplings.

Jon is survived by his wife Rose, son Samuel and daughters Jonelle and Kristie as well as six grandchildren. □

As in 2005, the Technical Division of AGMA was proud to sponsor the annual Fall Technical Meeting in conjunction with the many activities surrounding the Gear Expo. The FTM has been a tradition here at AGMA for literally decades, and is looked forward to each year by the experts of the industry as an unprecedented opportunity to stay abreast of new technical developments.

This year's program, which drew an audience 25% greater than seen in recent years, featured presentations on such varied topics as plastic gear design and accuracy, bevel gear design and manufacture, experiences with micropitting testing, and gear failure analysis. Papers which were ranked by the attendees as being of special interest included:

- Applying Elemental Gear Measurement to Mold Modification of Molded Plastic Gears, by Glenn Ellis
- Grinding Induced Changes in Residual Stresses of Carburized Gears, by Robert LeMaster
- The Effect of Start-Up Load Conditions on Gearbox Performance and Life – Failure Analysis and Case Study, by Raymond Drago
- Influence of Grinding Burn on the Load Carrying Capacity of Parts Under Rolling Stress, by Christof Gorgeis
- Roughness and Lubricant Chemistry Effects on Micropitting, by Andrew Olver
- Straight Bevel Gear Cutting and Grinding on CNC Free Form Machines, by Hermann Stadtfeld



During the Tuesday afternoon session, it was announced that the AGMA Computer Programming Committee had completed development of the much anticipated Bevel Gear Rating Suite, and members of the Committee provided an overview of the software's capabilities.

A highlight of the FTM is the annual Awards Luncheon where significant achievements within the Technical Division are recognized. Receiving awards for the leadership of their respective committees which saw the publication of documents over the last year included Mr. John Lisiecki (Helical Gear Rating Committee), Mr. Bob Wasilewski (Bevel Gearing Committee) and Mr. Glenn Pokrandt (Flexible Couplings Committee).

In addition, the Technical Division Executive Committee was pleased to recognize two individuals for their long standing contributions to the work of the Division with the coveted TDEC Award. Mr. Jack Mertz, recently retired from Rexnord Corporation, was a strong force in the work program of the Metallurgy & Materials Committee, serving tirelessly as document editor for many of their recent publications. Also, Mr. Jon Mancuso, of Kop-Flex Incorporated, was acknowledged for the technical expertise he has provided to the Flexible Couplings Committee in their many endeavors.

Scheduling of the 2008 Fall Technical Meeting has been finalized – save the dates of October 12 – 14 and join us in San Antonio, Texas for another great FTM. □