

ALL THE PIECES ARE COMING TOGETHER FOR THIS YEAR'S FALL TECHNICAL MEETING

Want to get the most for your travel dollar this October? AGMA will once again team our landmark Fall Technical Meeting with the Gear Expo and provide the premier opportunity to learn about new design and manufacturing developments, all under one roof.

This year's FTM will be held October 7-9 at Cobo Hall in Detroit, Michigan. The program has been structured to allow ample time for you to visit the Expo.

At this time, we anticipate the following presentations:

- How to Find the MTBF Value of Gearboxes
- Problems and Newest Trends in Resistance and Life-Time Calculation of Plastic Gears
- Helicopter Accessory Gear Failure Analysis Involving Wear and Bending Fatigue
- The Ikona Clutch and Differential
- The Effect of Start-Up Load Conditions on Gearbox Performance and Life-Failure Analysis and Case Study
- Applying Elemental Gear Measurement to Processing of Molded Plastic Gears
- Simulation Model for the Evaluation of the Dynamic Behavior of Bevel Gears
- Influence of Grinding Burn on the Load Carrying Capacity of Parts Under Rolling Stress
- The Gear Dynamic Factor, a Historical and Modern Perspective
- Using Barkhausen Noise Analysis for Process and Quality Control in the Production of Gears
- Vacuum Carburizing Technology for Powder Metal Gears and Parts
- Bevel Gear Model
- Grinding Induced Changes in Residual Stresses of Carburized Gears
- Roughness and Oil Composition Effects in Micropitting
- Straight Bevel Gear Cutting and Grinding on CNC Free-Form Machines
- Development of a 3-Disc Micropitting Test Method
- Material Integrity in Molded Plastic Gears and Its Dependence on Molding Practices
- Study of the Correlation Between Theoretical and Actual Gear Fatigue Test Data on a Polyamid
- Form Grinding of Precision Gears with Closed Loop Profile Control and Topological Helix Modifications
- Manufacturing Net Shaped Cold Formed Gears

These are real world issues that many confront on an everyday basis. The FTM is the ONLY place to learn from the experts in the field.

Further details, as they develop, will be made available through the AGMA website, www.agma.org □