

TECHNICAL CALENDAR

NOVEMBER 17-19

SME GEAR PROCESSING & MANUFACTURING CLINIC

Michigan Inn, Southfield, MI

Three days of presentations and discussions. Topics to be covered include gear manufacturing methods and machines, hob design and selection, gear inspection and chart evaluation, gear finishing, contour gear hardening, gear grinding, cold orbital forming, coolants and CNC gear shaping. Tuesday evening, Nov. 17, will feature tabletop exhibits of the latest gearing products. For more information about attendance or exhibition space, contact Joe Franchini at SME, (313) 271-1500, x394.

CALL FOR PAPERS

INTERNATIONAL CONFERENCE ON GEARING

Zhengzhou, China

Next year, Nov. 5-10, 1988 there will be a three-day conference which will include discussions on theory of tooth form, gear strength and durability, gear materials and heat treatment, dynamics of gear systems, vibration and noise analysis, lubrication, non-cylindrical and non-involute gears, power transmissions and standards. The deadline for abstracts (no more than 400 words) of papers to be presented is Nov. 1, 1987. The working language of the conference will be English. A gear products exhibition and tours to local factories, research

institutes and universities will be included. This meeting is sponsored by the Machine Design & Mechanisms Institution of the Chinese Mechanical Engineering Society. Co-sponsors are the International Federation for the Theory of Machines & Mechanisms, Japan Society of Mechanical Engineers, Verein Deutscher Ingenieure and ASME/GRI. For further information, contact: Inter-Gear '88 Secretariat, Zhengzhou Research Institute of Mechanical Engineering, Zhongyuan Rd., Zhengzhou Henan China. Tel: 47102, Cable: 3000, Telex 46033 HSTEC CN

CHANGE OF SCHEDULE — CALL FOR PAPERS

ASME's International Power Transmission & Gearing Conference will be held April 5-7, 1989, in Chicago, IL. Please note this change of date.

The conference will focus on major technical aspects of power transmission component design, manufacture and application, including gear efficiency, geometry, rating, lubrication, noise, dynamics, chains, belts, drives, bearings, shafts, and clutches and brakes for heavy, off-road equipment, industrial, automotive, marine and other applications.

The deadline for papers for this conference is **DECEMBER 31, 1987.**

For further information, contact: Donald L. Borden, P.O. Box 502, Elm Grove, WI 53122.

SME GEAR CLINIC & TABLETOP SHOW IN SUBURBAN DETROIT

November 17-19, 1987, SME will present its Gear Processing and Manufacturing Clinic and Tabletop Exhibits at the Michigan Inn, Southfield, MI.

Some of the papers to be presented include "Methods and Machines of Gear Manufacturing," "Design and Selection of Hobs," "Basic Gear Design," "Gear Inspection and Chart Evaluation," "Selection of High-Speed Steel for Gear Cutting Tools," "Orbital Forming in the Manufacture of Gears" and "Deburring and Finishing Gears With Power Brushes."

In addition to these presentations, there will be opportunity for attendees to meet and discuss the presentations with individual speakers on a one-on-one basis.

The Manufacturing Engineering Certification Institute has approved this clinic for 18 professional credits toward

the SME Recertification Program.

Tuesday evening of the conference has been reserved for an SME reception and for tabletop exhibits of some of the latest products available in the gear industry. The exhibitors include Gleason Works, ITW Illinois Tools/ITW Illitron, Dexter Gear & Splines, M&M Precision Systems, Bourn & Koch Machine Tool and Abrasive Technology.

Southfield, MI, is a suburb of Detroit. The Michigan Inn is located off U.S. 10 between Eight Mile and Nine Mile Roads, approximately 30 minutes from Detroit's Metropolitan Airport.

For more information about the clinic and exhibit, contact Joe Franchini at SME headquarters, (313) 271-1500, x394.