## TECHNICAL CALENDAR

JULY 12-14, 1989. ASM International Conference on Carburizing. Sheraton Hotel & Conference Center, Lakewood, CO. Tech conference for heat treaters, gear manufacturers, users of carburized metals. For more information, contact: ASM International, Metals Park, OH, 44073. (216) 338-5151 or fax (216) 338-4634.

SEPTEMBER 12-14, 1989. Short Course on Gear Noise. Ohio State University, Columbus, OH. This course will cover general noise measurement and analysis, causes of gear noise, noise reduction techniques, dynamic modeling, gear noise signal analysis, and modal analysis of gear boxes. For more information contact: OSU, Engineering Short Courses, 2070 Neil Avenue, Columbus, OH 43210-1275. Ph: (614) 292-8143. Fax: (614) 292-3163.

SEPTEMBER 12-20, 1989. European Machine Tool Show, Hannover, West Germany. Exhibits from 36 countries will show cutting and forming equipment, machine tools, CAD/CAM, robotics, etc. For more information, contact: Hannover Fairs, USA, Inc., 103 Carnegie Center, Princeton, NJ, 08540. (609) 987-1202.

NOVEMBER 6-8, 1989. AGMA Gear Expo '89, David Lawrence Convention Center, Pittsburgh, PA. Exhibition of gear machine tools, supplies, accessories and gear products. For more information, contact: Wendy Peidl, AGMA, 1500 King Street, Suite 201, Alexandria, VA, 22314. (703) 684-0211.

NOVEMBER 7-9, 1989, AGMA Fall Technical Meeting, Pittsburgh, PA. Seminars on a variety of gearing subjects held in conjunction with Gear Expo '89.

NOVEMBER 29 - DECEMBER 1. Fundamentals of Gear Design. Seminar, University of Wisconsin-Milwaukee. This course will cover basic design considerations in the development of a properly functioning gear system. It is planned with the designer, user and beginning gear technologist in mind. For more information, contact: Richard G. Albers, Center for Continuing Engineering Education, University of Wisconsin-Milwaukee, 929 North 6th Street, Milwaukee, WI, 53203. Ph: (414) 227-3125.

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