



## Efficiency and NVH

This tour was created as a supplement to an MPT Expo course, providing suggested stops for those who want to learn more about this topic from vendors on the show floor.

**FTM Technical Session 4: Efficiency and NVH,**  
**October 23 | 2:30 pm – 5:30 pm**

Registration for this course is available at <https://motionpowerexpo.com/education-courses/>

*We suggest the following stops:*

### PRESENTER

**Reishauer Corporation | Booth 537**  
 Elgin, IL

<http://www.reishauer.com>

As a leading worldwide supplier of CNC gear grinding machines for workpieces up to 1000 mm in diameter Reishauer employs approximately 700 engineers, technicians, and administrative staff dedicated to excellence in machine tool manufacturing, diamond or CBN tools, grinding wheels, and clamping fixtures.

Our main manufacturing plant is located in Wallisellen, Switzerland with subsidiaries in China, England, France, Germany, Japan, Russia, and the United States. From our facility in Elgin, Illinois, we provide pre-profiled grinding wheels, spare parts, diamond or CBN tools, clamping fixtures, and technical support for the NAFTA market.

### Blaser Swisslube | Booth 729

Goshen, NY

<http://www.blaser.com>

Do you consider coolant to be a necessary evil? Productivity, economic efficiency and machining quality are all factors that critically depend on the choice and the quality of your metalworking fluid. With our profound know-how and experience, customized services and excellent products, we help you fully capitalize on the potential of your machines and tools and turn your metalworking fluid into a key success factor – a Liquid Tool. Visit our booth and discuss with our experts how we can support you in optimizing your machining processes.

Blaser Swisslube is a family-owned Swiss company founded in 1936. We are close to our customers in



about 60 countries. We develop and produce high-quality cutting and grinding fluids, enabling our customers to produce, with great success, a wide range of products from the tiniest of components to large, critical and structural components in all manufacturing industries.

### **SMT | Booth 733**

Nottingham, United Kingdom <http://www.smartmt.com>

SMT is a Global CAE software dedicated to providing engineers with the expertise and tools to deliver innovative powertrain technology. MASTA, is a Single Software Solution where you can design, develop and analyze highly optimized transmission, electric machine and electrified powertrain systems within one intuitive interface. Features include durability analysis for gears, bearings, shafts and splines, system NVH analysis and optimization, advanced loaded tooth contact analysis,

### **Stresstech | Booth 606**

Pittsburgh, PA <http://www.stresstech.com>

Stresstech is headquartered in Finland and has offices in Germany (Rennerod) the United States (Pittsburgh) as well as sales and service representatives around the world. Since 1983, Stresstech has been providing non-destructive and destructive testing solutions for process control and quality inspection. The inspection equipment and turn-key solutions serve the automotive, aerospace and other manufacturing industries as well as universities and research institutes.

### **RD Motion | Booth 570**

Ljubljana, Slovenia <http://www.rdmotion.com>

RD Motion offers dedicated gear and powertrain testing equipment, as well as gear design, consultancy and testing services. RD Motion is a world leader in the development and production of test benches dedicated for plastic gear transmissions. RD Motion's test benches are designed and manufactured with the highest quality standards providing reliable and highly accurate measurements.

multibody dynamics, power loss, motor analysis and more. SMT also offers a full range of engineering consultancy services, ranging from; clean sheet design, system optimization, NVH optimization, efficiency and more.

### **Capstan Atlantic | Booth 707**

Wrentham, MA <http://www.capstanatlantic.com>

Capstan Atlantic is a leading producer of precision Powdered Metal gearing and multi-level structural components. Combining advanced gear engineering with proprietary secondary operations, Capstan Atlantic offers precision Powdered Metal gears to meet demanding applications. Our process allows the customer to achieve original design tolerances, improved dimensional accuracy and reduced wear and noise characteristics while maintaining a cost advantage. We can produce AGMA class Q9 quality gears with our process.

### **Marposs | Booth 138**

Auburn Hills, MI <https://www.marposs.com/eng/>

Marposs sets the standard for NVH (Noise, Vibration & Harshness) gear inspection, delivering the precision and speed manufacturers need for quiet, reliable transmissions. Our in-line systems combine Single Flank Transmission Error testing with high-speed NVH analysis to catch defects before they reach the customer. From detecting pitch, profile, and runout issues to pinpointing micro-defects at operational speeds, Marposs ensures every gear meets the strictest noise and vibration targets, on both drive and coast flanks. Smart statistical self-learning adapts to your production, setting optimal pass/fail thresholds and reducing false rejects. Whether for EV e-drives or traditional gearboxes, Marposs helps you achieve the perfect balance of performance, quality, and acoustic comfort, keeping your production flowing and your customers satisfied.