



*WHERE MANUFACTURING
COMES TOGETHERSM*

Society of Manufacturing Engineers
Downriver Detroit Chapter 198
Program Announcement
November 2009

Date: Thursday, November 19, 2009

Time: 6:30 pm - 8:30 pm

Place: Laser Design/GKS Global Services
45333 Five Mile Road
Plymouth, MI 48170

Program: Presentation and Plant Tour

Presenters: Giles Gaskell, Business Development Manager
Bob Cendrowski, Regional Vice President
Steve DeRemer, General Manager

Laser Design/GKS Global Services has provided 3D scanning and conventional metrology services and systems to help companies speed up their reverse engineering and inspection needs for over 27 years. GKS scans, models, and inspects parts of all sizes and complexity, non-destructive testing inside and out from tiny components through vehicles, bridges, power plants and buildings. The company's metrologists and engineers are experienced in the automotive, defense, electronics and many other manufacturing industries.

The company's Plymouth, MI lab is accredited by the A2LA for Mechanical Testing and Calibration is ITAR certified and features numerous CMMs, vision systems, 3D laser scanners, laser trackers, surface analyzers and other inspection equipment.

To be competitive in today's economy requires the ability to develop new products in a timely manner along with the ability to produce those products economically. GKS provides a cost-effective, efficient way to outsource entire projects to a single, trusted company that can design, manufacture, and inspect the parts anywhere in the world.

GKS's 3D laser scanning technology can provide you with:

- Fast, ultra-accurate results, reducing your time to market
- Complete measurement data of the entire surface of your object, verifying that the as-built part matches your CAD model
- True CAD models for FEA testing of actual geometry to correct problems before parts go into production
- CAD models to validate tooling, even when no current models exist
- Profile data of the whole part so assemblies can be digitally put together, revealing inaccuracies and interferences

Whether comparing a physical part to its CAD model or digitizing a prototype with the intent of developing a new CAD model, laser scanning yields high accuracy point cloud data that can be modeled and used for:

- Tool path creation
- Polygonal / STL meshes
- Composite blends
- NURBS curves
- NURBS surfaces
- Tooling verification
- And many more

This is a great opportunity to tour this facility and learn what services Laser Design/GKS Global Services can provide your company. RSVP is required. Please call, or e-mail me, Michael Timko, at (313) 204-0129 or metimko@comcast.net with your reservations by Tuesday, November 17th. Food and refreshments will be provided.

6:30 pm – Registration, Networking, Dinner

7:00 pm – Presentation and Tour

8:15 pm Questions

8:30 pm – Adjournment

Directions to Laser Design/GKS Global Services:

Address: 45333 Five Mile Road, Plymouth 48170

Take M-14 to Sheldon Rd.

Go north on Sheldon to Five Mile Rd. and turn west

Go west on Five Mile Rd. approximately ¼ mile and Laser Design/GKS Global Services is on the south side

Certified Members – Bring your Recertification Accounting Forms to the meetings for Recertification Credit. Please note that 36 Professional Points over a 3-year program are needed for Recertification.