

EVIGeM is a commercial network of European partner organisations. This Europe-wide network is organised as a Virtual Institute. Suppliers, vendors and manufacturers of metrology equipment cooperate with users, research institutes, calibration centres and individual experts. The European Virtual Institute of Geometry Measurement is funded by the European Commission and has attained the status of a legal entity (EVIGeM Association e.V. and EVIGeM GmbH).

EVIGeM consists of five thematic groups, each represented by one key partner:



Measurement of sculptured surfaces

◆ **Form and Position Measurement**
(Engineering Office Dr. W. Knapp, Switzerland)

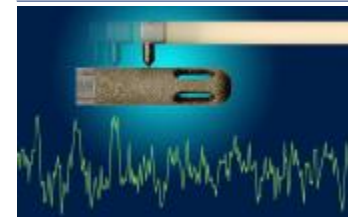
◆ **Coordinate Measuring Machines (CMM)**
(Unimetrik, Spain)

◆ **Gear Metrology**
(Bremen Institute of Industrial Technology and Applied Work Science, Germany)



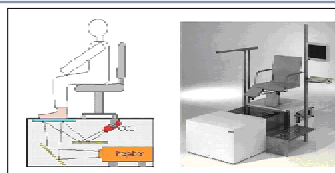
Measurement of bevel gears

◆ **Surface and Nanotechnology**
(Rubert & Co. Ltd, Great Britain)



Stylus measurement on a dental implant

◆ **Geometry Measurement for Medicine**
(The Institute for Health and Consumer Protection of the European Commission's Joint Research Centres, Italy)



Foot measuring system

◆ **1st public EVIGeM seminar**
“Practical aspects in Geometric Metrology”

Programme, 1st day, November 14, 2006
09:00 - 17:00

- **Introduction to seminar**
Prof. Dr.-Ing. G. Goch, University of Bremen, Germany / EVIGeM Association
- **Testing NC machine tools**
Dr. W. Knapp, Engineering office Dr. W. Knapp, Switzerland
- **State-of-the-art on 3D nanometre metrology**
Dr. H.A.M. Spaan, Managing director, IBS Precision Engineering BV, Netherlands
- **Gear metrology**
Prof. Dr.-Ing. G. Goch, University Bremen; Dr. Härtig, PTB Germany
- **Roughness, measurement, parameters, standards**
Paul Rubert, Rubert Ltd. UK
- **Information and presentation of the EVIGeM business platform www.evigem.com**
Prof. Dr.-Ing. G. Goch, Dr.-Ing. Gerald Ströbel, EVIGeM GmbH, Germany

Programme, 2nd day, November 15, 2006
09:00 - 17:00

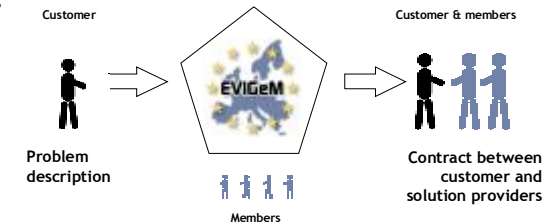
- **Developments in metrology**
Prof. Dr.-Ing. Schmitt, WZL Aachen, Germany
- **Testing coordinate measuring machines**
Dr. E. Trapet, Unimetrik, Spain
- **Measurement uncertainty**
Dr. Ing. A. Balsamo, INRIM Italy
- **Dynamics of machine tools, measurement of dynamic properties**
Dr. Kuster, ETH Zurich, Switzerland
- **Optical Metrology- Systems and Applications**
Dr. Jürgen Koglin, FRT, Germany
- **Summary, outlook, closure**
Prof. Dr.-Ing. G. Goch, Germany

◆ **Services for members**

- Free access to the competence database
- Support system for detailed service specification
- Public member profile
- Free access to the knowledge base with articles, events, future market analysis, trend analysis market studies, technical studies and state of the art knowledge
- Client database (qualifications, expertise)
- Contribution to standardisation
- Communication layer, shared workspace
- Service quality management
- Support for project management and coordination
- Product advertising, banner advertising

◆ **Services for customers**

- Calibration of metrological instrumentation
- Calibration of artefacts, standards and workpieces
- Measurements
- Consultation
- Feasibility studies
- Demonstrations
- Partnership, collaboration
- Workshops, seminars, tutorials
- Support on buying and selling metrological products
- A Business-to-Customer platform to place enquiries or call for tenders and to receive offers.



Advertise your product at www.evigem.com!

The EVIGeM Product Database combines instruments, standards, tools, methods, specific objects with direct link to manufacturer and provider.