

10th International Conference of the European Society for Precision Engineering and Nanotechnology

Session 9: Important/Novel Advances in Precision Engineering & Nano Technologies

Thursday 3rd June 2010, 13:45-15:30

Chairmen: Prof. H. Van Brussel, K U Leuven, BE & Prof. L. de Chiffre, Technical University of Denmark, DK

O9.1 (Keynote)	Shape Optimization of Polycrystalline Micro Mechanical Components H-G Enkler <i>IPEK – Institute of Product Development, KIT – Karlsruhe Institute of Technology, DE</i>
O9.2	Generation Mechanism of Residual Stress on Surface Machined in Turning Assisted by Ultrasonic Vibration Hiromichi Onikura <i>Kyushu University</i>
O9.3	Process Modelling and Simulation of Vibratory Finishing of Fixtured Components Stephen Wan <i>Singapore Institute of Manufacturing Technology, SG</i>
O9.4	Compact nanometer resolution fiber-optic encoder with embedded reference mark Joseph Tobiason <i>Micro Encoder Inc.</i>
O9.5	Flexible Sensing Foils Based on Embedded Fibre Bragg Grating Sensors Chunxiao Yan <i>Katholieke Universiteit Leuven, BE</i>