



Laboratoire d'ingénierie des systèmes de Vers

CONFÉRENCES INTERNATIONALES DEPUIS 2005 - 2009 DE L'ÉQUIPE INSTRUMENTATION ET MODÉLISATION DES SYSTÈMES ET NANOSYSTÈMES AVANCÉ

Conférences internationales avec comité de lecture et actes 2005 - 2009

2009

B. Poyet, S. Ducourtieux, Development of a metrological AFM with minimized Abbe errors, Conference CAFMET (Maroco), 2009.

B. Poyet, S. Ducourtieux, Development of a low rotational errors XYZ flexure stage for the LNE metrological AFM, Conference CAFMET (Maroco), 2009.

J.B. Millet, F. Maroteaux, HCCI Combustion Model by One Step Reaction Function : In View of Assisting the Engine Management Optimization. MCS 6, 2009, Ajaccio, France (14 pages).

J.B. Millet, Fabrice Aubertin, Mathias Lehr, Charbel Saad, Fadila Maroteaux, Air System and Diesel Combustion Model for a 4 Cylinder Engine in Real Time Computing Conditions : Application on a EU5 Personal Car with Diesel Particulate Filter. ICE2009 - the 9th International Conference on Engines for Automobile, September 13-17th, 2009, Capri - Naples, Italy. SAE Paper 2009-24-0136 (12 pages).

Y. Guilhem, G. Cailletaud, S. Basseville, F. Curtit, J-M. Stephan. A study of the cluster effect on fatigue crack initiation, 12th international conference on fracture (Ottawa - Canada), 12-17 July 2009.

H. proudhon, S. Basseville, L. Sun, G. Cailletaud. Effet de la microstructure sur la propagation des fissures de fretting, dir M. Raous, P. Pasquet M. Rey p167-172, Giens 2009.

EUSPEN 2009 - "Design of the LNE Metrological Atomic Force Microscope" - présentation d'un poster - San-Sebastian - Juin 2009.

A. Sinno, P. Ruaux, L. Chassagne, S. Topçu, Y. Alayli, G. Lerondel, S. Blaize, A. Bruyant, P. Royer. Enlarge sample-holder for optical AFM imaging: millimetre scanning with high resolution, Oral communication at IEEE Eurocon 2009 Conference (Saint-Petersburg – Russia), CD ISBN 978 1-4244-3861-7/09, pp2070-2074, May 2009.

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B. Poyet, S. Ducourtieux, J. David, L. Lahousse, Recent advances for the LNE Metrological Atomic Force Microscope, Poster presentation in NANOSCALE2008, Torino (Italy), Septembre 2008.

D. Ameer, C. Croizet, F. Maroteaux, R. Gatignol, Simulation of Pressure and Temperature Driven Flows in Microchannels, AIP Conf. Proc. 1084, pp. 1129-1134 (2008).

B. Poyet, S. Ducourtieux, J. David, L. Lahousse, Development of a new XY translation flexure stage with high guidance quality for the LNE Metrological Atomic Force Microscope, Poster presentation in EUSPEN, Zurich (Switzerland), may 2008.

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J.P. Loisel, S. Topçu, L. Chassagne, Y. Alayli, P.R. Dahoo, T. Badr, P. Juncar. Efficient diode-pumped intracavity frequency-doubled CW Nd: YLF laser emitting at 656 nm for a silver atom optical clock, Oral communication at SPIE Photonics Europe, (Strasbourg – USA), April 2008.

S. Xu, K. Ouedraogo, L. Chassagne, S. Topsu, Y. Alayli /Sub-nanometric scale position control sensor for nanometrological applications, Oral communication at RMO 2008, 20th International Metrology Symposium, (Cavtat-Dubrovnik –Croatia), November 2008.

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