

**The School of Computing and Engineering
Annual Researchers' Conference
Friday 28thth November 2008
Castle Hill Suite, University of Huddersfield**

Conference programme

Please note that this programme is provisional and subject to change.

- 08:30 - 09:15 Registration, Tea/Coffee and Poster viewing**
- 09:15 - 09:20 Welcome and Opening Address
- 09:20 - 09:40 *'Comparative Computational Analysis of Drag-Reducing Devices for Tractor-Trailers.'*
V Malviya, Automotive Research Group
- 09:40 - 10:00 *'A Multifrequency FM-Based Ultrasonic System for Accuracy 3D Measurement.'*
F Aldawi, ECMP Research Group
- 10:00 - 10:20 *'Novel and Efficient Thermal Error Reduction Strategy for Machine Tool Performance Improvement'*
N S Mian, ECMP Research Group
- 10:20 - 10:40 *'Simulation of the Structural Elements of a Three Axis VMC for Machine Tool Error Compensation.'*
A.J Poxton, ECMP Research Group
- 10:45 - 11:15 Tea/Coffee and POSTER VIEWING**
- 11:15 - 11:35 *'Integration of Real and Virtual Light Sources in Augmented Reality Worlds'*
M Bingham, Informatics Research Group
- 11:35 - 11:55 *'Benefits of Associative Classification within Text Categorisation'*
A Barnes, Informatics Research Group
- 11:55 - 12:15 *'Discrete Wavelet Transform on Consumer-Level Graphics Processing Unit'*
Y Su, Informatics Research Group
- 12:15 - 12:35 *'Dynamic Web Services Composition: Current Issues.'*
F Mustafa, Informatics Research Group
- 12:35 - 14:00 **Lunch and POSTER VIEWING**
- 14:00 - 14:20 *'A Flowmeter for Measuring the Dispersed Phase Velocity in Multiphase Flow with Non-Uniform Velocity Profiles'*
S Al-Hinai, Systems Research Group
- 14:20 - 14:40 *'Measurement of the Film Thickness, Film Velocity and Entrainment Fraction in a Liquid-Air Annular Flow using a Conductance Flowmeter.'*
Q Al-Yarubi, Systems Research Group
- 14:40 - 15:00 *'Simulation and Static Measurement of the Gas Volume Fraction in a Separated Flow Model using a Conductance Multiphase Venturi Meter (CMVM).'*
A.H.A.M Hasan, Systems Research Group
- 15:00 - 15:30 Tea/Coffee and POSTER VIEWING**
- 15:30 - 15:50 *'Stabilising Fibre Interferometers'*
H Martin, CPT Research Group
- 15:50 - 16:10 *'Evaluation on the Categorical DBMS for the VirtualGPS Knowledge System'*
Y Xu, CPT Research Group
- 16:10 - 16:30 *'MEMS Microstructured Surface Characterisation based on Wavelet Transform Techniques'*
H Zhu, CPT Research Group
- 16:30 Prize Giving and Closing Address**