

**Lamdamap 9<sup>th</sup> International Conference, Tuesday 30<sup>th</sup> June – Thursday 2<sup>nd</sup> July 2009**

Session 6: Precision and Ultra Precision Machining Technologies

*Orals - Wednesday 1<sup>st</sup> July 2009, 14:00-15:40 & Thursday 2<sup>nd</sup> July 2009, 09:40-11:00*

*Posters- Wednesday 1<sup>st</sup> July 2009, 12:30-13:00*

<b>Paper Title</b>	<b>Title</b>	<b>Name(s)</b>	<b>Surname</b>	<b>Affiliation</b>	<b>Ref. No</b>
Focused Ion Beam machining of Photonic devices	Prof.	Svetan	Ratchev	University of Nottingham	O6.1
Investigations on chip formations in micro-milling	Dip-Ing	Francois	Ducobu	Faculté Polytechnique de Mons	O6.2
Characteristics of aluminium 6061 in the microcutting process of single point diamond turning	Mr	Hao	Wang	The Hong Kong Polytechnic University	O6.3
Tool failure mechanisms while single point diamond turning silicon	Mr	Leigh	Kirkwood	Cranfield University	O6.4
Effect of polishing angle on material removal rate and surface finish using bonded abrasive pads	Mr	Stanley	Obi	The Hong Kong Polytechnic University	O6.5
Dynamical problems in interrupted high precision hard turning	Mr	Daniel	Bachrathy	BUDAPEST UNIVERSITY OF TECHNOLOGY AND ECONOMICS	O6.6
The role of CFD simulations for coolant delivery in precision grinding of steels and cast iron	Mr	Vadim	Baines-Jones	Cinetic Landis Ltd	O6.7
Force modelling in diamond machining with regard to the surface generation process	Dip-Ing	Andreas	Krause	Laboratory for Precision Machining, University of Bremen, Germany	O6.8
Laser monitoring of TiN decoating process to facilitate optimum removal	Dr	Sundar	Marimuthu	University of Manchester	O6.9
Study of Tool Wear For Micro-ball-end-milling Process	Dr	Neng-Hsin	Chiu	National Kaohsiung 1st University of Science & Technology	P6.1

Precision-enhanced Technology for Spiral Bevel Gear and Hypoid Gear Machining on Multi-axes NC Machining Tools	Mrs	Yuan	Xing	Brunel University	P6.2
A study on various flexure-hinge parameters in a micro-gripper	Mr	M R	Aravind Raghavendra	National University of Singapore	P6.3
Development of the Control Cabinet for Bench-top Micro Machines Design and Implementation Perspectives	Mr	Mohd khalid	Mohd nor	Brunel University	P6.5
Precision microfabrication of milli-metre wave components	Dr	Maolong	Ke	University of Birmingham	P6.6