

Faculty Curriculum Vitae

Please fill out the details as indicated below. Where not applicable, mark 'N/A'

Full Name:	Dr. Andreas Loizou
Rank:	Lecturer
Status	Full Time
Program:	Automotive Engineering
Email:	loizou.a@intercollege.ac.cy

Educational qualifications

Degree	Year	Awarding Institution	Thesis title (if applicable)
PhD in Automotive Engineering	2012	University of Bradford, UK	Modelling and Simulation of Thermo-mechanical Phenomena at the Friction Interface of a Disc Brake.
MSc Automotive Eng.- Vehicle Technology & Management (Distinction)	2007	University of Bradford, UK	Thermomechanical Study of Vehicle's Brakes Using FEA
BEng Automotive Eng. (First Class Honours)	2006	University of Huddersfield, UK	Thermal analysis of formula student vehicle disc brakes.
HND Mechanical Engineering	2002	Higher Technical Institute (H.T.I)	Development of a multimedia interactive package for vehicles

Employment history

Period of employment		Employer	Location	Position
From	To			
September 2014	Now	Intercollege	Nicosia	Automotive Technology Coordinator
January 2014	September 2014	Frederick University	Nicosia	Visiting lecturer
January 2013	November 2014	Frederick Research Center	Nicosia	Research Associate
February 2010	May 2010	University of Bradford	UK	Assistant Lecturer (MSc Level)
January 2008	May 2011	University of Bradford	UK	Teaching Assistant

Memberships and Professional Affiliations

From	To	Institution/Professional Organisation	Status
2006	Now	Institution of Mechanical Engineers (IMechE)	Active
2013	Now	Society of Automotive Engineers (SAE)	Active

Conferences and Seminars

From	To	Title	Role
September 2014	December 2014	Professional bus and truck drivers training seminars (EKKO)	Coordination and design of the mechanical syllabus, and teaching

Research/Projects

From	To	Title and Reference	Funded by
October 2016	September 2018	ECWork Project	EU (KA2)

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January 2015	December 2016	ECVET Permit Project	EU (KA2)
January 2013	November 2014	Project Merlin (FP7-266271)	European Union

Publications/Journal/Articles						
	Year	Title	Other authors	Journal/Conference/Publisher	Vol.	Pages
1	2017	Modelling And Simulation Of Brake Pad Wear Using Finite Element Method	Sheng Qi, H., and Day, A. J	EuroBrake 2017 Conference	N/A	N/A
2	2014	A Computational Reduction Model for Appraising Structural Effects in Selective Laser Melting Manufacturing	L. Papadakis, J. Risse, J. Schrage	Journal of Virtual and Physical Prototyping	9	17-25
3	2014	Numerical Computation of Component Shape Distortion Manufactured by Selective Laser Melting	L. Papadakis, J. Risse, J. Schrage	Procedia CIRP	18	90-95
4	2014	Adhesive Bonding of Attachments on Alternate Car Shell Surfaces in Automotive Final Assembly Lines	L. Papadakis, M. Schiel, V. Vassilou, and K. Dilger	Procedia CIRP	18	180-185
5	2013	A Fundamental Study on the Heat Partition Ratio of Vehicle Disk Brakes	Sheng Qi, H., and Day, A. J	Journal of Heat Transfer	12	121302 – 121302-8
6	2013	A thermo-mechanical modeling approach for calculating shape distortion in SLM manufacturing for aero-engine components	L. Papadakis, J. Risse, and S. Bremen	VRAP2013 International Conference, Leiria, Portugal	N/A	N/A
7	2010	A numerical and experimental study on the factors that influence heat partitioning in disc brakes	Sheng Qi, H., and Day, A. J	33rd FISITA World Automotive Congress, Hungary	N/A	N/A
8	2010	The bedding-in process on disc brakes contact pressure distribution and its effects	Sheng Qi, H., and Day, A. J	6th European Conference on Braking, Lille France	N/A	N/A
9	2009	Analysis of heat partition ratio in vehicle braking processes	Sheng Qi, H., and Day, A. J	Braking 2009 Conference, UK	N/A	N/A
10	2008	Thermomechanical study of drilled or	Sheng Qi, H., and	Inaugural Automotive Researchers	N/A	N/A

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		grooved brake discs	Day, A. J	Conference, UK		
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Awards/Distinctions

Postgraduate research scholarship from the Institution of Mechanical Engineers, 2008, 19500 GBP
Travel grant award by the Royal Academy of Engineering for attending 6th European Conference on Braking (JEF 2010) 200 GBP
MSc with distinction by the University of Bradford (UK)