



MACE PGR CONFERENCE 2017

Poster Session

Time: 11:00 - 11:40 am

Monday 3rd April 2017

George Begg Building, C Floor

#	Poster Title	Author
1	Issues with Cohesive Surface Model in ABAQUS	Marwah A. Hameed
2	Employee Well-being A journey of employee wellbeing and its relationship with workplace spatial design	Maria Doufa
3	Tessellated Continuum Mechanics: Vibration of Perforated Plates	Zainab M. Tareq
4	Experimental study to a flexible cantilevered rod subjected to axial water flows	Chunyuan Liu
5	Combustion Behavior of Graphene Composite in Aerospace	Qiangjun Zhang
6	Preventing stress shielding phenomena for bone fixation implants using 3D Topology Optimization	Abdulsalam A. Al-Tamimi
7	Compressive and flexural strength of aerated concrete containing varying aluminium powder content	Rana Shabbar
8	Fabrication, characterisation, and biological behaviour of 3D printed PCL and bioceramic composite scaffolds	Cian Vyas
9	19th Century Housing in a 21st Century Climate	Kathleen Gray
10	Vortex Structure of Synthetic Jet Array with Crossflow	Fang Xuv
11	Post-Processing of Metallic Printed Parts by Jet Electrochemical Machining (JET-ECM)	Thomas Kendall
12	A Mathematical Model For Cost Reduction And Energy Smart Machining	Haitham M ALSWAT
13	Developing a standard framework for improving equipment design based on operational performance data	Ahmed Khezam
14	Identifying Inadequacies in Current Design Standards for Lateral-Torsional Buckling of Structural Glass	Lauren Riddell-Smith