



## MACE PGR CONFERENCE 2018 26th March 2018 - George Begg - Room C1

### Poster Session

Session chair: Mutiu Alabi-Bello

10:45 – 11:45

1	A novel leakage detection method in pipes with flow using Acoustic Wave Propagation, Reflectometry and CFD	Mustapha Abdullahi
2	Aeromechanics of Tilt-Rotor Helicopters	Wesley Appleton
3	Affordable housing: Different things to different policy arenas	Neema G. Opiyo
4	Assessment of the capacity of local authorities to meet the Paris Agreement in relation to transport emissions in northern towns.	William Fitzpatrick
5	Bioenergy Governance for Sustainable Development	Christopher Walsh
6	Demand-response and energy justice	Philippa Calver
7	Design of a Novel Biomimetic Robotic Hand	Yiming Zhu
8	Element-free Galerkin method for coupled groundwater flow and contaminant transport	Tinesh Pathania
9	Hotspot Stress Prediction for DKK CHS Joints in Offshore Wind Turbine Jackets	Ernest Onoriode Oshogbunu
10	Microstructure of Uranium Silicide Produced by Arc Melting	George Phillips
11	Modelling of damage evolution in high strength concrete under uniaxial loading	Jiaming Wang
12	Optimization of honeycomb strength assignment for a composite energy-absorbing structure	Chengxing Yang
13	Selection of Cutting Conditions Based on Both Minimum Cost and Energy	Haitham M ALSWAT
14	Study the effect of stiffness of Rig by input response on resonance frequency and transmissibility of human body segments	Khuram Shahzad
15	Sub-metering Analysis of Unregulated Energy Sources within the University of Manchester	Christina Birch
16	Micro-orifice single-phase liquid flow in the laminar to turbulent transitional regime	Max Szolcek & Andrea Cioncolini