



The 5th International Conference on Computational Mechanics

Young Researcher Best Paper Award Winners

Conference Chair: Professor Zhongwei Guan (University of Liverpool, United Kingdom)

Selection-Panel Chair: Professor Yuantong Gu (Queensland University of Technology, Australia)

Conference Venue: Cambridge, United Kingdom

Conference Date: 28th - 30th July 2014

ID	Name	Title	Affiliation	Country
312	Alaa Salam Shakir	Nonlinear Finite Element Analysis of Concrete Filled Steel Tube (CFST) Columns Under Projectile Impact Loading	University of Liverpool	United Kingdom
71	Bo Yu	Adaptive Precise Integration BEM For Solving Transient Heat Conduction Problems	Dalian University of Technology	China
284	Eric Quanbing Li	Homogenization For Composite Material Properties Using Smoothed Finite Element Method	Sydney University	Australia
151	Jin Zhou	Modelling Compressive Crush of Composite Tube Reinforced Foam Sandwiches	University of Liverpool	United Kingdom
32	Jun Lv	A New Multiscale Method For Geometrically Nonlinear Shape Morphing of Fluid Actuated Cellular Structures	Dalian University of Technology	China
278	Kang Xia/Ye Wei	Engineering the Mechanical Properties of Graphene Nanotube Hybrid Structures Through Structural Modulation	Queensland University of Technology	Australia
349	Kwong Ming Tse	Ballistic Impacts Of A Full-metal Jacketed (FMJ) Bullet On A Validated Finite Element (FE) Model Of Helmet-cushion-head	National University of Singapore	Singapore
437	Longfei Wen	An Extra Dof-free and Well-conditioned XFEM	Institute of Computing Technology, CAS	China



ID	Name	Title	Affiliation	Country
62	Liang Xia	A Pod-based Reduction Approach For Multiscale Nonlinear Structural Design	Université de Technologie de Compiègne	France
162	Maria Nogal	Coherent and Compatible Statistical Models In Structural Analysis	Trinity College Dublin	Ireland
337	Olav Aanes Fagerlund	Effect of GPU Communication-hiding For Spmv Using Openacc	University of Tokyo	Japan
482	Roberto Carlos Rojas Molina	Simulation of Liquid-solid Interaction Using A Phase-field-lattice Boltzmann Method	Kyoto Institute of Technology	Japan
69	Tawan Boonkong	Numerical Modeling of Curvilinear Corrugated-core Sandwich Structures Subjected To Low Velocity Impact Loading	University of Liverpool	United Kingdom
326	Yang Yang	Free Vibration Analysis of The Functionally Graded Coated and Undercoated Plates	University of Macau	Macau
602	Yujie Huang	3D In-situ XCT Image Based Meso-scale Fracture Modelling and Validation of Concrete Using Voxel Hexahedron Meshing and Damage Plasticity Model	Zhejiang University	China