

## WEDNESDAY 2 JULY

09:00	<b>Plenary Speaker:</b> Manuel Doblare <i>Modelling living tissues. Mechanical and mechanobiological aspects</i> (Christopher Ingold Auditorium)							
10:00	<b>Tea/Coffee</b>							
10:30	<b>Minisymposia</b>			<b>Contributed Talks</b>		<b>Minisymposia</b>		<b>Contributed Talks</b>
	<b>Christopher Ingold Auditorium</b> <i>Interactions between Structure and Process in Manufacturing Systems</i>	<b>Christopher Ingold Chemistry L.T.</b> <i>Transport Networks</i>	<b>Christopher Ingold Ramsey L.T.</b> <i>Analysis of Telecom Systems and Service Networks</i>	<b>Drayton Jevons L.T.</b> <i>Models and Methods for Viscous Jets, Break-up and Drop Forming</i>	<b>Drayton Ricardo L.T.</b>	<b>Harrie Massey L.T.</b> <i>Mathematical Modelling in Sport</i>	<b>Maths 706</b> <i>ECMIMIM: Concepts of Mathematical Modelling in the Curriculum of Mathematics in Industry</i>	<b>South Wing Garwood L.T.</b>
10:30	M. Maischak <i>Finite element and boundary element coupling for metal chipping</i>	R. Mounce <i>Optimisation Through Control in Dynamic Traffic Networks</i>	I. Mitrani <i>Dynamic Policies for Service Provisioning Systems</i>	N. Marheineke <i>Asymptotic model for the dynamics of curved viscous jets with surface tension</i>	V. Arkin <i>Variational Approach to Optimal Stopping Problems for Diffusion Processes and Investment under Uncertainty</i>	D. Goossens <i>Comparing league formats with respect to match importance: a case study in Belgian soccer</i>	A. Noack <i>Introduction into the ECMIMIM project</i>	R. McKibbin <i>Agricultural spray drift: Transport and trapping of evaporating liquid aerosols</i>
10:50				J. Uddin <i>Controlling instability in viscous jets</i>	M. Kumaresan <i>Optimal Execution of Atomic Orders in a Marketplace of Multiple Liquidity-Pools</i>			R. Baronas <i>Numerical simulation for the design of highly sensitive and stable biosensors</i>
11:00	O. Rott <i>Modeling, analysis and stability of milling processes including workpiece effects</i>	B. Heydecker <i>Dynamic Modelling of Traffic Networks</i>	G. Fayolle <i>Stochastic dynamics of discrete curves: exclusion processes and hydrodynamic limits</i>		K. El-Said El-Nadi <i>Some estimations for stopped fractional Brownian motions</i>	A. Fitt <i>The Mathematics of Soccer Spread Betting</i>	G. Brandell <i>Modelling in Mathematics Education Research</i>	M.M. Tung <i>A differential-geometric approach to model isotropic diffusion on circular conic surfaces in uniform rotation</i>
11:10				N.M. Ribe <i>Liquid rope coiling</i>				
11:15					F. Aslam <i>More Maths Grads</i>	P. Scarf <i>Batting strategy and the distribution of runs scored in test cricket</i>	P. Miidla <i>Differential Equations in the Curriculum</i>	N.A. Popescu <i>Multi-scale modeling of solar wind-magnetosphere coupling</i>
11:30	A. Rademacher <i>Adaptive Finite Element Discretisation of the Spindle-Grinding-Wheel-System</i>	R. Connors <i>A Smoothing Approach to the Optimisation of Traffic Networks</i>	E. Gelenbe <i>Networked Auctions</i>	J. Kuhnert <i>Finite Pointset Method (FPM): Meshfree flow solver with applications to viscous jets and droplet dynamics</i>				O. Iliev <i>On an Upscaling Approach for Calculating Effective Properties of Insulation Materials</i>
11:40						G. Kendall <i>Scheduling English Football over the Christmas Period</i>	H. Ockendon <i>Study Groups with Industry</i>	
11:50								A.L. Siahann <i>A Modified Interface Coupling Technique with Textile Applications</i>
12:00	A. Steinbrecher <i>Optimal Control of Robot Guided Laser Material Treatment</i>	R.E. Wilson <i>Models for Phantom Jams</i>	M. Draief <i>Navigable Networks</i>	T. Goetz <i>Film Casting Processes: Simulation and Optimization</i>				
12:05								
12:10								
12:30	<b>Lunch</b>							Seminar - <i>Introduction to the NAG Toolbox for MATLAB</i>
13:30								
14:00	<b>Alan Tayler Lecture:</b> Mario Primicerio <i>Some Mathematical Problems in Oil Pipelining</i> (Christopher Ingold Auditorium)							
15:00	<b>Poster Session and Tea/Coffee</b>							
17:00	<b>Plenary Speaker:</b> Andreas Schuppert <i>Mathematics in Industry - cost factor or key for profits?</i> (Christopher Ingold Auditorium)							
17:30	<b>Panel Discussion on Mathematics and Industry</b> , chaired by Alistair Fitt <i>Where are all the Industrial Mathematicians?</i>							