

Any titles marked with an asterisk * are Extended Abstracts and have been included in the Keynotes and Extended Abstracts book referenced with an ISB Number.

Any titles marked with a ☺ describe work that has been used in practice. Where there is no ☺ the presentation may nonetheless be highly relevant to practice - please refer to the abstract, or ask the speaker, for more information.

Time	Auditorium	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	SR9	SR912
08:30	Registration, tea and coffee : 08:30 - 09:30 (Forum)										
09:30	Welcome Address 09:30 - 10:00 (Auditorium) - Phil Jones and David Smith, Co-Chairs										
10:00	Opening Plenary: 10:00 - 11:00 (Auditorium) - Jérémie Gallien, London Business School - 'OR Research in Global Health'										
11:00		OR in Schools Raising Awareness of OR with Young People <i>Vincent Knight and Louise Orpin</i>	Strategy Analytics KEYNOTE: Key To Strategy Analytics <i>Cathal Brugha</i>	Criminal Justice ☺ Assessing the Value of Crime-stoppers to Police <i>Susan Merchant</i>	Metaheuristics Meta-Heuristics for Frequency Assignment <i>Khaled Alrajhi</i>		OR Consultancy & Case Studies ☺ KEYNOTE: The Mangle of OR Practice <i>Richard Ormerod</i>		DEA Corporate Credit Rating by Malmquist DEA Index <i>Zhiyong Li, Galina Andreeva and Jonathan Crook</i>	Invent. Mgmt., Logistics & Supply Chain Incorporating BCP in Resilient SC Design <i>Afshin Mansouri, Milad Baghersad and Ali Torabi</i>	The OR Society How might membership of an organisation, like the OR Society, deliver value for you? <i>Ashley Carreras and Parmjit Kaur</i>
11:30				Criminal Justice Operational Impact of Testing TASER Devices <i>Fred Cameron, Jack Brimberg, Bill Simms, Donna Wood and Xiaofeng Yang</i>	Metaheuristics * On Applications Of ACO Techniques for ALB Problems <i>Ibrahim Kucukkoc and David Z. Zhang</i>	Community &Third Sector OR ☺ COR Special Interest Group Meeting and Workshop <i>Huw Evans</i> 11:30 – 12:30		Project Management ☺ OR Support to a Complex Logistics Project <i>Sue Collins</i>	DEA Assessing Bank Branches Efficiency <i>Sergio Santos, Carla Amado and Carlos Carvalho</i>	Invent. Mgmt., Logistics & Supply Chain ☺ OR in the Marks and Spencer Supply Chain <i>Victoria Forman and Emile Naus</i>	11:00 – 12:30 STUDENTS ONLY SESSION X 10 places available maximum

OR55 Tuesday 03 September 2013 continued

Time	Auditorium	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	SR9	SR912
12:00		Social Media Social Media & the OR Society- How To Get Involved <i>Louise Orpin and Frances Sneddon</i>		Criminal Justice OR In Disaster Response <i>Duncan Shaw</i>		Community &Third Sector OR COR Special Interest Group continued Meeting and Workshop <i>Huw Evans</i> 11:30 – 12:30	OR Consultancy & Case Studies ☺ RAF Brize Norton Ground Movements Study <i>Richard Pasco</i>		DEA Evaluation of Bankruptcy Prediction Models <i>Jamal Ouenniche, Mohammad M. Mousavi and Bing Xu</i>	Invent. Mgmt., Logistics & Supply Chain Should a Buyer Acquire Additional Information? <i>Hermann Jahnke, Jan Thomas Martini & Andre Peterwerth</i>	The OR Society continued from above Students only
12:30	Lunch 12:30 - 13:30 (Forum)										
13:30		Forecasting KEYNOTE: Forecasting Black (& White) Swans... <i>Konstantinos Nikolopoulos, Bernardo Batiz-Lazo and Aris Syntetos</i>	Strategy Analytics Integrating Analytics And Strategy <i>Frances O'Brien and Martin Kunc</i>	Community &Third Sector OR ☺ Structuring Community Reflections <i>Rebecca Herron</i>	Metaheuristics ☺ Localsolver <i>Thierry Benoist, Julien Darlay, Bertrand Estellon, Frédéric Gardi and Romain Megel</i>	Simulation A Keyword Classification Scheme for OR/MS <i>Navonil Mustafee and Korina Katsaliaki</i>			DEA KEYNOTE: How to Deal With the S-Shaped Curve in DEA <i>Kaoru Tone and Miki Tsutsui</i>	Invent. Mgmt., Logistics & Supply Chain Modelling Transshipment Decision in Retail Network <i>Thomas Archibald</i>	The OR Society How might membership of an organisation, like the OR Society, deliver value for you? <i>Ashley Carreras and Parmjit Kaur</i>
14:00			Strategy Analytics Dynamic Complexity and Firm Performance <i>John Morecroft</i>	Community &Third Sector OR ☺ Orits – Pro Bono Case Studies <i>Huw Evans</i>	Metaheuristics ☺ Rostering Heuristics for Dragon Boat Racing <i>Kent McClymont and Edward Keedwell</i>			Project Management A New Approach to Risk Management <i>Elliott Parsons, David Seabrooke-Spencer and Leroy White</i>		Invent. Mgmt., Logistics & Supply Chain Predictive Control Of Perishable Inventory <i>Joanna Ewa Orzechowska, Andrzej Bartoszewicz, Keith J. Burnham and Dobrila Petrovic</i>	13:30 – 15:00 ACADEMICS ONLY SESSION X 10 places available maximum

OR55 Tuesday 03 September 2013 continued

Time	Auditorium	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	SR9	SR912
14:30		Forecasting New Product Sales Forecasting in the Mobile Phone <i>Semco Jahanbin, Paul Goodwin and Sheik Meeran</i>	Strategy Analytics System Dynamics, Analytics and 'Big Data' <i>Daniel Arthur</i>	Community &Third Sector OR 😊 Experiences of Working with the Third Sector <i>Paul Randall</i>		Simulation * A Review of Literature in Distributed Supply Chain <i>Korina Katsaliaki and Navonil Mustafee</i>	Problem Struct/Soft OR Cyber Defence Challenges in Acquisition <i>Andrew Beard</i>	Project Management Performance Evaluation Model for Infrastructural Development <i>Emmanuel Achuenu, Ache Stella Achuenu & Ibrahim Binchak</i>	DEA DEA, Microfinance and Production Trade-Offs Approach <i>Sadia Farooq</i>	Invent. Mgmt., Logistics & Supply Chain Reverse Logistics Networks <i>Dobrila Petrovic and Ali Niknejad</i>	The OR Society continued from above Academics only
15:00	Refreshments: 15:00 - 15:30 (Forum)										
15:15											
15:30		Forecasting Demand Forecasting by Aggregation <i>Bahman Rostami Tabar, Mohamed-Zied Babai, Yves Ducq & Aris Syntetos</i>	Strategy Analytics Exploring the Impact of OR in Development <i>Martin Kunc</i>	Community &Third Sector OR Food Supply Chains and SME Local Producers <i>Eliseo Vilalta-Perdomo and Martin Hingley</i>	Metaheuristics KEYNOTE: Fuzzy Logic and Hyper-Heuristics <i>Robert John</i> (No paper Submitted)	Simulation Patterns and Theory in Multi-Method Approaches <i>Herbert Daly and Ray Paul</i>	Problem Struct/Soft OR KEYNOTE: Problem Formulation and Study Design Tutorial <i>Philip Jones</i>	Project Management Bus_Strat <i>Gary Bell, Sarah Allen and Jo Warwick</i>		Invent. Mgmt., Logistics & Supply Chain Fuzzy Mathematical Models in Supply Chain <i>Betül Özkan, Hüseyin Başligil & Ihsan Kaya</i>	
16:00		Forecasting Adaptive Damped Trend Order -Up-To System <i>Qinyun Li and Stephen Disney</i>	Strategy Analytics WTP Study on Medical Websites <i>Georgios Xydopoulos and Lampros Stergioulas</i>	Community &Third Sector OR 😊 Crime-stoppers Call Centre Staffing <i>Jane Parkin</i>		Simulation Better Than Tyromancy? <i>John Salt</i>		Project Management Distributed Simulation for Project Management <i>Rosane Pagano</i>		Invent. Mgmt., Logistics & Supply Chain Predictive Maintenance Modelling <i>Ken McNaught and Adam Zagorecki</i>	

OR55 Tuesday 03 September 2013 continued

Time	Auditorium	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	SR9	SR912
16:30		Forecasting Empowering Today's Mad Men with Time Series Models <i>Ramune Gedgaudaite</i>	Strategy Analytics Factors of Success Medical Websites <i>Lampros Stergioulas and Georgios Xydopoulos</i>	Community & Third Sector OR KEYNOTE: Science In OR <i>Martha Vahl</i> (No paper Submitted)	Metaheuristics Hyper-Heuristics Generating Heuristics <i>John Woodward, Jerry Swan and Edmund Burke</i>	Simulation KEYNOTE: Why Do Analysts Throw the Model Away <i>Raymond Paul</i> (No paper Submitted)	Problem Struct/Soft OR Airport Security <i>John Holt</i>	Project Management KEYNOTE: Learning From Distributed Project Management <i>Stephen Little</i>		Invent. Mgmt., Logistics & Supply Chain Demand Management by Aggregation <i>Aris Syntetos, Zied Babai, Yiannis Polychronakis, Bahman Rostami and Nicola Saccani</i>	
17:00		Forecasting Rolling Training for Judgmental Forecasting <i>Fotios Petropoulos</i>	Strategy Analytics Combining Scenario Planning and Trim <i>Mohsan Hussain, Louise Knight and Efsthios Tapinos</i>		Metaheuristics Batched Hyper-heuristics <i>Andrew Parkes and Ender Ozcan</i>		Problem Struct/Soft OR Rank Correlation Methods and Schools of Thought <i>Fred Cameron And Geoff Pond</i>				
17:45 19:00	Drinks Reception: 17:45 - 19:00 (La Touche Café – Building 1: Business School) - Sponsored by Exeter Business School										

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Time	Auditorium	SR1	SR2/SR3	SR4	SR5	SR6	SR7	SR8	SR9	SR910
08:00	Registration, tea and coffee : 08:00 - 08:30 (Forum)									
08:30		Forecasting ☺ KEYNOTE: Forecasting and Optimization for Big Data <i>Stephan Kolassa</i>	☺ Making an Impact 08:20 – 08:30 Introduction and Welcome 08:30 – 09:30 Speed Networking <i>Facilitated by Ramune Gedgaudaite</i>	Optimisation ☺ Long Term Planning with Localsolver <i>Romain Megel and Thierry Benoist</i>		Problem Struct/Soft OR ☺ Creating Useful and Rigorous Definitions <i>Sue Collins</i>	OR in Construction Decision Making in Nigerian Construction Industry <i>Emmanuel Achuenu</i>		Sustainable Supply Chain Road Toll Pricing and its Effect on Emissions <i>Liang Wen and Richard Eglese</i>	Health/ Social Care Modelling ☺ Failure Demand in Healthcare <i>Sian Joel-Edgar and Mike Williams</i>
09:00			<i>Prompt start! Bring a notepad, pen and your business cards.</i>	Optimisation Iterated CG-Cuts <i>Iskander Aliev</i>		Problem Struct/Soft OR ☺ Dynamics of Facilitated Modelling <i>Luis Alberto Franco and Elena Tavella</i>		DEA Data Envelopment Analysis Software for the Advance <i>Ali Emrouznejad</i>	Sustainable Supply Chain Solving the Vehicle Routing Problem with Backhauls <i>Naveed Ahmed Wassan, Gabor Nagy and Said Salhi</i>	Health/ Social Care Modelling What is the Cost-Per-QALY Threshold? <i>Penelope Mullen</i>
09:30	Plenary: 09:30 - 10:30 (Auditorium) - Colin Shearer, Advanced Analytic Solutions, IBM									
10:30	Refreshments: 10:30 - 11:00 (Forum)									

OR55 Wednesday 04 September 2013 continued

Time	Auditorium	SR1	SR2/SR3	SR4	SR5	SR6	SR7	SR8	SR9	SR910	
11:00		Forecasting Model Predictive Accuracy and Big Data <i>Marilena Karanika</i>	<p>☺ Making an Impact</p> <p>11:00 – 12:30</p> <p>Practitioner-Academic Collaboration</p> <p><i>Facilitated by Jane Parkin</i></p> <p>Session starts with a rapid-fire plenary - a dozen presenters have 40 seconds and a single power-point slide to 'sell' their poster (or flip-chart), followed by a break out into a poster session to engage with presenters.</p>		Bus.Analyt. Optim & Big Data Portfolio Optimization With Many Risk Constraints <i>John Lamb and Kai-Hong Tee</i>	OR in Sport Rating Test Cricket Players <i>Sohail Akhtar and Philip Scarf</i>	OR in Construction Influencing Damp in Residential Buildings <i>Iman Laeirj, Elizabeth Laycock and Kevin Spence</i>	DEA Evaluate Competing Oil Price Forecasting Models <i>Bing Xu, Jamal Ouenniche and Kaoru Tone</i>	Sustainable Supply Chain KEYNOTE: Sustainable Agrifood Chains <i>Dionysis Bochtis</i> (No paper Submitted)	Health/ Social Care Modelling KEYNOTE: Childhood Obesity <i>Brian Dangerfield and Norhaslinda Zainal Abidin</i>	
11:30		Forecasting Real Estate Valuation <i>James Freeman and Xin Zhao</i>					OR in Sport Tennis Ranking <i>Tom Fricker, Stephen Buckley, David Irons and Tim Paulden</i>	OR in Construction Project Portfolio Management <i>Alireza Pakgozar, Steve J Childe and David Zhang</i>			
12:00		Forecasting Comparison of Forecasting Models for European Bank <i>Christina Konstantinidou, Vassilios Assimakopoulos, George Georgiadis and Paulos Gkologiannis</i>				Bus.Analyt. Optim & Big Data ☺ Large-Scale Marketing Optimization <i>Andrew Verity-Harrison</i>	OR in Sport Strategy Selection and Outcome Prediction in Sport <i>David Percy</i>			Sustainable Supply Chain Inventory Decisions in FSC <i>Arjaree Saengsathien and David Zhang</i>	Health/ Social Care Modelling Right Patient, Wrong Ward <i>Sally Brailsford, Heidi Rafman, Craig Roberts and Kiok Liang Teow</i>
12:30	Lunch: 12:30 - 13:15 (Forum)										

OR55 Wednesday 04 September 2013 continued

Time	Auditorium	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	SR9	SR910
13:15 13:45 14:15	<p style="text-align: center;">President's Medal presentations: 13:15 - 14:45 (Auditorium)</p> <p style="text-align: center;">13:15 – ☺ 'Informing British Airways' Longhaul Fleet Purchase' - Andrew Long, Daniel Welsh, Michael Lockett, Justina Jankauskaite – British Airways</p> <p style="text-align: center;">13:45 – ☺ 'Optimising The Retail Network For New Zealand Post' - Tony Lewins, Simon Mardle, Louise Fildes - Ernst & Young</p> <p style="text-align: center;">14:15 – ☺ 'A Criminal Justice Modelling Landscape: Using Operational Research to Understand the Criminal Justice System' - Kathryn Sloane, Mike Marriott, Katherine Byrne – Ministry of Justice</p>										
14:45	<p style="text-align: center;">14:45 – 15:00</p> <p style="text-align: center;">Coaches leave from outside the Forum for the Social Networking Coach Trips to Yearlstone Vineyard, A La Ronde House, Finch Foundry and Red Coat Tour</p>										
15:00	<p style="text-align: center;">15:00 – 16:15 - ☺ Making an Impact parallel sessions – workshops and technique tasters</p> <p style="text-align: center;"><i>Facilitators - Ruth Kaufman, Aidan Cross, Jane Parkin and Ramune Gedgaudaite</i></p> <p style="text-align: center;">Room SR1 <i>Ian Taylor</i> – The Art of Data Visualisation</p> <p style="text-align: center;">Room SR2 <i>Ashley Carreras</i> – Introduction to Group Mapping - <i>Technique Taster</i></p> <p style="text-align: center;">Room SR4 <i>Geoff Royston</i> – A Window on the Future of OR Practice</p> <p style="text-align: center;">Room SR5 <i>Valerie Belton</i> – MCDA - <i>Technique Taster</i></p> <p style="text-align: center;">Room SR6 <i>Martin Kunc</i> – System Dynamics - <i>Technique Taster</i></p> <p style="text-align: center;">Full details and descriptions will be available from the conference reception.</p>										
	<p>Refreshments: 16:15 - 16:30 (Forum)</p>										
16:30	<p style="text-align: center;">16:30 – 17:45 - ☺ Making an Impact parallel sessions continue</p> <p style="text-align: center;">Room SR1 <i>Cathal Brugha</i> – Grow Your Real World Impact!</p> <p style="text-align: center;">Room SR2 <i>Nasir Hussain</i> – General Morphological Analysis - <i>Technique Taster</i></p> <p style="text-align: center;">Room SR3 <i>Frances Sneddon</i> – "Agile" – Project Chaos or Project Success</p> <p style="text-align: center;">Room SR4 <i>Sayara Beg</i> – Data Science – What is it and how can I use it? - <i>Technique Taster</i></p> <p style="text-align: center;">Room SR5 <i>Jane Parkin</i> – A Better Evidence Base? – Using the New UK Data Service</p>										
17:45	<p style="text-align: center;">17:45 – 18:00 (Auditorium)</p> <p style="text-align: center;">Making an Impact – Review and Close</p>										
18:00 19:00	<p>Making an Impact - Drinks Reception 18:00 - 19:00 (Forum) - Sponsored by Prospect Recruitment</p>										

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08:30	Registration, tea and coffee: 08:30 - 09:00 (Forum)												
09:00		Scheduling Service Level And Sustainability in FS Scheduling <i>Afshin Mansouri, Emel Aktas and Umut Besikci</i>	Routing Applications & Transportation How Dual Search Compares to Primal Search? <i>Jamal Ouenniche and Prasanna Kumar Ramaswamy</i>		Optimisation ☺ Capacitated Bank Network Restructuring <i>Diego Ruiz-Hernandez, David Delgado-Gomez and Laureano Escudero</i>			OR in Construction ☺ KEYNOTE: SA in Crew Allocation <i>Ammar Al-Bazi</i>	Health/ Social Care Modelling Modelling Your Way Out of the Poo <i>David Halsall, Laura Bown and John Osmond</i>		OR Consultancy & Case Studies ☺ OR and National Audit Office <i>Elena Cozzi and Thomas McBride</i>	Bus.Analyt. Optim & Big Data Exposure at Default <i>Jonathan Crook and Mindy Leow</i>	The OR Society How might membership of an organisation, like the OR Society, deliver value for you? <i>Ashley Carreras and Parmjit Kaur</i>
09:30		☺ Scheduling Scheduling Problem with Time-Dependent Revenues <i>Guoqing Bai, Renjie He and Chen Cheng</i>	Routing Applications & Transportation How Important is Clustering in Vrps? <i>Jamal Ouenniche & Mona Hamid</i>		Optimisation * Irregular Bin Packing <i>Julia Bennell, Ramon Alvarez-Valdes, Antonio Martinez and Jose Manuel Tamarit</i>		OR in Sport ☺ Prediction of Jump Test Scores in Rugby <i>Kevin Wilson, Robert Holdsworth, Matthew Revie and Stuart Yule</i>	OR in Construction * Optimising Resources in Container Management <i>Kareem Alali and Ammar Al-Bazi</i>	Health/ Social Care Modelling How Much does Mortality Risk Vary by Postcode? <i>Colin Stewart</i>			Bus.Analyt. Optim & Big Data Defining Analytics & a Topic Model of Job Adverts <i>Michael Mortenson, Neil Doherty & Stewart Robinson</i>	09:00 – 10:30 PRACTITIONERS ONLY SESSION X 10 places available maximum
10:00		Scheduling Fairness in OR <i>Simon Martin, Antonios Glampedakis, Dylan Jones & Djamila Ouelhadj</i>	Routing Applications & Transportation Heuristics for the one Commodity PDTSPSTW <i>Bahman Rostami-Tabar, M. Zied Babai & Jean-Christophe Deschamps</i>		Optimisation No Free Lunch for Branch and Bound <i>John Woodward, Jerry Swan and Edmund Burke</i>		OR in Sport Optimisation of Training <i>Phil Scarf</i>		Health/ Social Care Modelling ☺ Apply OR to Root Cause Analysis <i>Claire Ginn, Justin Keen, Sally Mansfield, Elizabeth McGinnis, Delia Muir, Jane Nixon & Nikki Stubbs</i>		OR Consultancy & Case Studies ☺ SWOT-AHP and the 5th Column <i>Nasir Hussain and Bruce Garvey</i>	Bus.Analyt. Optim & Big Data A Distributed SVD Algorithm <i>Sheng Fang and Raphael Hauser</i>	

OR55 Thursday 05 September 2013 continued

Time	Auditorium	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	SR9	SR910	SR911	SR912
10:30	Refreshments: 10:30 - 11:00 (Forum)												
11:00		Queue Modelling Determining Time Lag - Peak Demand v Peak Queue Size in Over-saturated Queues' <i>Jeff Griffiths</i>					Community & Third Sector OR Using OR to Help Charities Become More Effective <i>David Pritchard</i>	OR in Construction * ☺ A Simulation Model of Dynamic Resource Allocation <i>Faris Madi and Ammar Al Bazi</i>	Health/ Social Care Modelling Case-Based Reasoning for Radio-therapy Planning <i>Gulmira Khussainova, Rupa Jagannathan and Sanja Petrovic</i>		OR Consultancy & Case Studies ☺ Virtual Agent Pool in a National Contact Center <i>Liam Hastie and Sander Vermeulen</i>	Bus. Analyt. Optim & Big Data Cardinality Constrained Portfolio Optimisation <i>Ifelele Baale, David Morelli and Said Salhi</i>	The OR Society What do you want from OR Society Conferences <i>Ashley Carreras and Parmjit Kaur</i>
11:30		Queue Modelling ☺ Queue Modelling at Heathrow <i>Michael Richardson</i>		IS and KM Enhancing Retention Through Learning Analytics <i>Jo Smedley</i>	Optimisation Production Control Via ADP <i>Christopher Kirkbride and Mustafa Cimen</i>		Community & Third Sector OR Helping Huddersfield Feed The Hungry <i>Susan Merchant</i>	OR in Construction * SD In Construction Industry <i>Nehal Lafta and Ammar Al-Bazi</i>	Health/ Social Care Modelling ☺ English Medical Workforce Planning <i>Siôn Cave, Graham Willis and Andrew Woodward</i>		OR Consultancy & Case Studies ☺ OA Support to Defence Logistics and Defence Policy <i>Richard Pasco</i>	Bus. Analyt. Optim & Big Data Data Blindness and Big Data <i>Nigel Phillips</i>	11:00 – 12:30 STUDENTS, ACADEMICS & PRACTITIONERS WELCOME X 10 places available maximum
12:00				IS and KM Experience Related App <i>Rasseedha Virgo</i>	Optimisation Robust ALM <i>Nalan Gulpinar and Dessislava Pachamanova</i>	Simulation A Web-Based System Dynamics Healthcare Data System <i>Konstantinos Domdouzis, Peter Lacey, Darren Lodge & Simon Taylor</i>	Community & Third Sector OR Hands-On OR In Healthcare in Remote Rural Africa <i>Andrew Dobson</i>	OR in Construction OR In Smart Educational Building <i>Ammar Al-Bazi</i>	Health/Social Care Modelling ☺ Transfer of Primary ENT Services to Secondary Care <i>Cheryl Voake, Maureen Fallon, Paul Harper, Vincent Knight, Alun Tomkinson, Janet Williams & Jason Young</i>		OR Consultancy & Case Studies ☺ Train Hard, Fight Easy - Studying Training <i>John Medhurst</i>		

OR55 Thursday 05 September 2013 continued

Time	Auditorium	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8	SR9	SR910	SR911	SR912
12:30	Lunch: 12:30 - 13:00 (Forum)												
13:00		Queue Modelling An Erlang Queuing Model of a Trauma Theatre <i>Cheryl Voake, Jeff Griffiths and Janet Williams</i>	MCDA * Visualising Many-Criterion League Tables <i>Richard Everson, David Walker and Jonathan Fieldsend</i>		Optimisation KEYNOTE: Approximation for Quadratic Boolean Programming <i>Vitaly Strusevich and Hans Kellerer</i>	Simulation KEYNOTE: Simulation of Engineering Services <i>Benny Tjahjono</i>		OR in Construction * ☺ A Risk Model for Managing Portfolio Cost <i>Ammar Al Bazi and Mohamad Kassem</i>	Health/Social Care Modelling Robust Scheduling of Operating Theatres <i>Elizabeth Rowse, Paul Harper, Rhyd Lewis, Jonathan Thompson and Janet Williams</i>	Sustainable Supply Chain Modelling for Sustainable Supply Chain Management <i>Masoud Fakhimi and Lampros Stergioulas</i>	OR Consultancy & Case Studies ☺ Operational Economics <i>Ian Mitchell</i>		
13:30		Queue Modelling Analysis of Queues with Mean-Reverting Arrivals <i>Daniel Wei-Chung Miao, Wan-Ling Chao and Xenos Chang-Shuo Lin</i>	MCDA Organizing Feedback with Experts <i>Sergey Kadenko</i>			Simulation ☺ Hydraulics Models of Field Force Dynamics <i>Kjeld Jensen, Nicola Buckhurst and Michael Lyons</i>			Health/ Social Care Modelling ☺ Web-Based Inter-operating System Dynamics <i>Konstantinos Domdouzis, Peter Lacey, Darren Lodge & Simon Taylor</i>	Sustainable Supply Chain Product Acquisition in Reverse Logistics <i>Saman Afshar, Bart MacCarthy and Luc Muyldermans</i>	OR Consultancy & Case Studies ☺ Understanding the Risks of Forecasting <i>Jonathan Malpass</i>		
14:00	Closing Plenary: 14:00 - 15:00 (Auditorium) - Michael Sanders, Policy Advisor, Cabinet Office												
15:15	Conference Closes												