IEOM Distinguished Educator Awards

Donna Whitehead
Pro Vice-Chancellor and Executive Dean
Bristol Business School
University of the West of England (UWE)

Professor Nikolaos Antonopoulos
Pro Vice-Chancellor Research
University of Derby

Professor David Russell
Dean of College of Business, Law and Social Sciences
College of Business, Law and Social Sciences
University of Derby

Professor Nicholas O'Regan
Associate Dean for Research
Bristol Business School
University of the West of England (UWE)

Ray McDowell
Associate Dean for Planning and Resources
Bristol Business School
University of the West of England (UWE)

Patricia Voaden
Head of the Department of Business and Management
Bristol Business School
University of the West of England (UWE)

IEOM Distinguished Industry Award

David McDermaid
Business Development Manager
Siemens Industry Sector
Siemens Industry Software Limited
Solihull, B90 8AF, UK

Chris Ditton, C Eng, MI Mech E
Director of Operations, OSTE-UK
Olympus Surgical Technologies Europe
Cardiff, United Kingdom
IEOM Distinguished Service Awards

Prof. Jose Arturo Garza-Reyes
Professor of Operations Management
Head of the Centre for Supply Chain Improvement
College of Business, Law and Social Sciences
The University of Derby
Kedleston Road Campus
Derby, DE22 1GB, UK

Dr. Vikas Kumar
Co-Chair – IEOM UK 2017 Symposium
Associate Professor in Enterprise Operations Management
MSc IM Programme Leader
Faculty of Business and Law
Bristol Business School
University of the West of England
Coldharbour Ln, Bristol, BS16 1QY
United Kingdom

IEOM Outstanding Researcher Award

Professor Lukumon O. Oyedele
Director of Bristol Enterprise, Research and Innovation Centre (BERIC)
University of the West of England (UWE)
Bristol, United Kingdom

IEOM Teaching Excellence Award

Dr. Jiju Antony
Professor of Quality Management
School of Management & Languages
Dept. of Business Management
Heriot-Watt University
Edinburgh, United Kingdom

IEOM Global Engineering Education Award

Dr. Stuart C Burgess
Professor of Engineering Design
Department of Mechanical Engineering
University of Bristol
Bristol, BS8 1TH, UK

IEOM Outstanding Service Awards

Prof. A G Hessami, Chair of IEEE UK & Ireland Section and Director, Vega Systems, London-UK
Prof. Mike Hinchey, Vice Chair of IEEE UK & Ireland Section and Director of Lero and Professor of Software Eng., University of Limerick, Ireland
Dr. Cyril Onwubiko, Secretary of IEEE UK & Ireland Section and , Director, Cyber Security Intelligence at Research Series Limited, UK

IEOM Outstanding Student Awards

Anh Thi Phuong Nguyen, University of the West of England
Bruno Teixeira Luz Foresti Gallotta, The University of Derby
Luiz Fernando Ferreira Corandin, University of the West of England
Nguyen Thao Huong Huynh, University of the West of England
Nguyen Thi Giang, University of the West of England
Simon Peter Nadeem, The University of Derby
Vu Thi Huong, University of the West of England
Best Track Papers Awards

**Automation and Control**
ID 57  Robotic Polishing of Streamline Co-Extrusion Die: A Case Study
Srinivas Ganapathyraju and Shahab Ghafari, Sheridan Institute of Advanced Learning and Technology, Brampton, Ontario, Canada

**Circular Economy**
ID 98  Spectrum of Circular Economy and its Prospects in Logistics
Simon Peter Nadeem, Jose Arturo Garza-Reyes and Anthony I. Anosike, Centre for Supply Chain Improvement, The University of Derby, UK
Vikas Kumar, Bristol Business School, University of the West of England, Coldharbour Ln, Bristol, UK

**Data Analytics**
ID 137  Historical Hashtags: An Investigation of the ‘#CometLanding’ Tweets
Noor Farizah Ibrahim and Christopher Durugbo, School of Economics, Finance and Management, University of Bristol, Bristol, UK

**Decision Sciences**
ID 77  Multi-Criteria Decision Making: The Case of Large and Distinct Decision Makers
Anthony Afful-Dadzie and Eric Afful-Dadzie, Department of Operations Management and Information Systems, University of Ghana Business School, Accra, Ghana

**Entrepreneurship and Innovation**
ID 158  Supplier Development Funding: Evaluating a Funding Model for South African Manufacturing Cooperatives
Mkwawazi Michael Sizwe and Mbohwa Charles, Department of Quality and Operations Management, University of Johannesburg, South Africa

**Financial Engineering**
ID 51  Strategic Asset Allocation Portfolio Using Elastic Asset Allocation
Taewan Kim, Mihyeo Lee and Daeryong Seo, Paul Math School, 12-11, Dowontongmi-gil, Cheongcheon-myeon, Goesan-gun, Chungcheongbuk-do, Republic of Korea

**Global Manufacturing**
ID 29  Factors for manufacturing competitiveness of automotive part suppliers from Nuevo Leon, Mexico: a literature review
Luz María Valdez de la Rosa, Engineering Management Department, University of Monterrey, Nuevo Leon, Mexico
Luis Alberto Villarreal Villarreal, Center for Business Development and Postgraduate, Autonomous University of Nuevo Leon, Nuevo Leon, Mexico
Juan Baldemar Garza Villegas, Graduate Studies in Engineering, University of Monterrey, Nuevo Leon, Mexico

**Inventory Management**
ID 220  Modelling Inventory Grouping Decisions Using Grouping Genetic Algorithms
Michael Mutingi, Faculty of Engineering, Namibia University of Science and Technology, Windhoek, Namibia and Faculty of Engineering and the Built Environment, University of Johannesburg, Johannesburg, South Africa
Charles Mbohwa, Faculty of Engineering and the Built Environment, University of Johannesburg, Johannesburg, South Africa

**Logistics, Transport and Traffic Management**
ID 72  Newsvendor Based Pricing Model for Liner Shipping With Sailing Speed Optimization
Walaa Ishmaieh, Industrial Engineering and Engineering Management Department, University of Sharjah, Sharjah, UAE
Ali Cheaitou, SEAM Research Group and Industrial Engineering and Engineering Management Dept., University of Sharjah, UAE

**Manufacturing**
ID 142  Study Analysis of Productivity Improvement Micro, Small And Medium Enterprises (MSMEs) Hand Craft With Line Balancing Method to Improve and Enhance Sustainable Economic In Depok, Indonesia
Muhammad and Rahmat Nurcahyo, Industrial Engineering (IE) Dept., Faculty of Engineering, University of Indonesia

**Lean and Six Sigma**
ID 198  Factors Influencing Effectiveness of Lean Maintenance Repair and Overhaul in Aviation
Adrián Peña Sánchez and Funlade Sunmola, School of Engineering and Technology, University of Hertfordshire, Hatfield, UK

**Logistics**
ID 91  Multi Product Multi Period Network Design for Reverse Logistics
Ayse Yener Budak and Ali Pustundag, Department of Industrial Engineering, Istanbul Technical University, Macka, Istanbul, Turkey

**Modeling and Simulation**
ID 149  Synchronizing Discrete Event Simulation Models and System Dynamics Models
Magdy Helal, Industrial Engineering Department, American University of the Middle East, Kuwait
Project Management
ID 55  Critical Success Factors and the “Iron Triangle”: A study in Project Manufacturing Environments
Antonio Carlos Pacagnella Junior, School of Applied Sciences, State University of Campinas, Limeira, São Paulo, Brazil
Sergio Luis da Silva, Production Engineering Department, Federal University of São Carlos, São Carlos, São Paulo, Brazil
Ornella Pacifico, Centro Universitário Estácio de Ribeirão Preto, Ribeirão Preto, São Paulo, Brazil

Quality Engineering, Control and Management
ID 160  Quality Control in the Clothing Production Process of an Under-Resourced Sewing Co-operative: Case Study
Mkwanazi Michael Sizwe, Department of Quality and Operations Management, University of Johannesburg, Auckland Park, South Africa
Mbohwa Charles, Faculty of Engineering and Built Environment, University of Johannesburg, Auckland Park, 2006, South Africa

Service Systems and Service Management
ID 49  Location and Emergency Inventory Pre-Positioning for Disaster Response Operations: Min-Max Robust Model and a Case Study of Yushu Earthquake
Wenjun Ni, Department of Industrial and Manufacturing Systems Engineering, Faculty of Engineering, The University of Hong Kong
Jia Shu, Dept. of Management Science and Engineering, School of Economics and Management, Southeast University, Nanjing, Jiangsu, China
Miao Song, Department of Logistics and Maritime Studies, Faculty of Business, The Hong Kong Polytechnic University, Hong Kong

Supply Chain Management
ID 55  The bullwhip effect under count time series: The case of first order integer auto-regressive demand processes
Bahman Rostami-Tabar and Stephen M. Disney, Logistics Systems Dynamics Group, Cardiff Business School, Cardiff University, UK

Sustainability in Supply Chains and Operations
ID 207  A Systematic Literature Review on Visibility in Sustainable Supply Chain Ecosystems
Apeji Uje Daniel and Funlade T. Sunmola, Manufacturing, Materials and Biomedical Engineering Dept., University of Hertfordshire, UK
Petros Khoudian, Centre for Academic Quality Assurance, University of Hertfordshire, Hatfield, AL10 9UF England

Work Design and Measurement
ID 45  An Engineering Approach to Increase Chances of Data Capture-ability and Data Analyzability in Work Measurement Practices
Thong Sze Yee, Zuraidah Bt. Mohd Zain and Tan Chan Sin, Manufacturing Engineering, Universiti Malaysia Perlis (UniMAP), Perlis, Malaysia