CALL FOR PAPERS

International Journal of Production Economics

Special Issue on

Behavioral Operations Management

Guest Editors

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Introduction

Although human behaviour has been always important to operations management (OM), most theoretical models in traditional OM have been developed with overly simplified assumption about realistic human characteristics. That is, human beings are assumed to be rational optimizers in most OM systems. While the traditional OM research provides helpful understandings of system behaviour, recent empirical studies have shown that the actual behaviour of human actors in OM systems is not fully consistent with the rational assumption and predictions. Over the past few years, there have been increasing research activities in the new emerging area of behavioural operations management (BOM). Aiming to incorporate realistic human behaviour as one critical component into OM systems and offer new insights into performance improvement, studies in this new area have been spanning the boundaries between OM and other disciplines including psychology, behavioural economics, decision science and sociology.

In this special issue, we plan to publish high quality, state-of-the-art research findings in BOM. We seek research papers that explicitly explore human behaviour with relevance to operations management. We are open to papers from a broad range of OM settings in (but not limited to) production and inventory control, R&D and project management, logistics and supply chain management, quality management, queuing and service systems. Results drawn upon various methodologies based on modelling, optimization, simulation, laboratory experiments, case studies, survey-based research and event studies, are all welcome.

Examples of topics that are appropriate to this special issue are such as:

- Investigating actual human decision making in a particular OM context (e.g., ordering and capacity decisions in manufacturing, inventory, and service systems), or testing existing OM theories empirically (e.g., coordination of supply chain partners, and supply chain dynamics);
• Developing new OM theories based on established psychological principles (e.g., reference-dependence, loss aversion, anchoring, overconfidence (overprecision), and fairness and reciprocity);
• Examining alternative mechanisms for performance improvement at various levels that account for realistic human behaviour (e.g., new process for individuals making operations decisions, design and management of project teams within an organization, and collaboration among supply chain partners).

**Manuscript Preparation and Submission**

Manuscripts are required to be prepared following the “Instructions to Authors” described at the back of any recent issue of the *International Journal of Production Economics*. Submissions must be made via web system of IJPE. Reviewing processes will be handled according to the standards of the journal. For further enquiries, please contact any one of the guest editors.

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