

## **Kim, Seokjin (Associate Professor)**

### **Refereed Journal Articles**

#### **Journal Article, Academic Journal**

- Arslan, H., Kim, S. (2024). Inventory decisions with scarcity and spillover. *Applied Mathematical Sciences*.
- Menezes, M., Kim, S., Huang, R. (2017). Constructing a Watts-Strogatz network from a small-world network with symmetric degree distribution. *PLOS ONE*, 12(6), e0179120.
- Menezes, M., Kim, S., Huang, R. (2015). Return-on-investment (ROI) criteria for network design. *European Journal of Operational Research*, 245(1), 100-108.
- Zai, A., Kim, S., Kamis, A., Hung, K.-T., Ronquillo, J., Chueh, H. C., Atlas, S. J. (2014). Applying Operations Research to Optimize a Novel Population Management System for Cancer Screening. *Journal of the American Medical Informatics Association*(21), e129-e135. <http://jamia.bmj.com/>
- Kamis, A., Yao, Y., Kim, S. (2014). An Empirical Validation of the Patient-Centered E-Health Framework in Patient-Focused Websites. *Communications of the AIS*, 34(25), 477-492. [aisel.aisnet.org/cais/](http://aisel.aisnet.org/cais/)
- Huang, R., Menezes, M., Kim, S. (2012). The impact of cost uncertainty on the location of a distribution center. *European Journal of Operational Research*, 218, 401-407.
- Huang, R., Kim, S., Menezes, M. (2010). Facility location for large-scale emergencies. *Annals of Operations Research*, 181(1), 271-286.
- Baron, O., Berman, O., Kim, S., Krass, D. (2009). Ensuring feasibility in location problems with stochastic demands and congestion. *IIE Transactions*, 41, 467-481.
- Kim, S., Nakhai, B. (2008). The dynamics of quality costs in continuous improvement. *International Journal of Quality & Reliability Management*, 25(8), 842-859.
- Berman, O., Huang, R., Kim, S., Menezes, M. (2007). Locating capacitated facilities to maximize captured demand. *IIE Transactions*, 39, 1015-1029.
- Menezes, M., Kim, S., Huang, R. (2006). Optimal workforce size and allocation for urban retail chains. *European Journal of Operational Research*, 175, 1151-1163.

### **Non-Refereed Journal Articles**

#### **Journal Article, Professional Journal**

- Kim, S., Yao, Y. (2023). Blockchain's second act. *Supply Chain Management Review*, March/April, 40-49.

### **Presentations**

- Arslan, Hasan (Author Only), Kim, Seokjin (Presenter & Author), INFORMS Annual Meeting, "Managing perishable inventory when strategic customers form a reference on product availability," Institute for Operations Research and Management Sciences, Phoenix, AZ. (September 23, 2023).

Zai, Adrian (Presenter & Author), Kim, Seokjin (Presenter & Author), Kamis, Arnold, Hung, Kuo-Ting, Ronquillo, Jeremiah, Chueh, Henry, Atlas, Steve, "Applying operations research to a novel population-based cancer screening system to optimize limited staff and system resources for improving patient care," RAND Corporation, Boston, MA. (January 2013).

Kim, Seokjin (Presenter & Author), Menezes, Mozart, Huang, Rongbing, INFORMS Annual Meeting, "Return-on-investment (ROI) criteria for the network design of retail chains," Institute for Operations Research and the Management Sciences (INFORMS), Phoenix, AZ. (October 2012).

Huang, Rongbing, Kim, Seokjin, Menezes, Mozart (Presenter & Author), INFORMS Annual Meeting, "Return-on-investment (ROI) criteria for the network design of retail chains," Institute for Operations Research and the Management Sciences (INFORMS), Charlotte, NC. (November 2011).

Kim, Seokjin (Presenter & Author), Menezes, Mozart, Huang, Rongbing, INFORMS Annual Meeting, "The impact of cost uncertainty on the location of a distribution center," Institute for Operations Research and the Management Sciences (INFORMS), Charlotte, NC. (November 2011).

Huang, Rongbing (Presenter & Author), Menezes, Mozart, Kim, Seokjin, 8th International Conference on Optimization: Techniques and Applications (ICOTA), "Return-on-investment (ROI) criteria for the network design of retail chains," Pacific Optimization Research Activity Group (POP), Shanghai, China. (December 2010).

Huang, Rongbing (Presenter & Author), Menezes, Mozart, Kim, Seokjin, EURO XXIV, "Node fails, facility fails: Facility location problem for emergency evacuation," Association of European Operational Research Societies (EURO), Lisbon, Portugal. (July 2010).

Kim, Seokjin (Presenter & Author), Baron, Opher, Berman, Oded, Krass, Dmitry, INFORMS Annual Meeting, "Location models for emergency servers with two demand classes," Institute for Operations Research and the Management Sciences (INFORMS), San Diego, CA. (October 2009).

Huang, Rongbing (Presenter & Author), Kim, Seokjin, Menezes, Mozart, CORS-INFORMS International Meeting, "Return-on-investment (ROI) criteria for the network design of retail chains," Candian Operational Research Society (CORS), Toronto, Canada. (June 2009).

Krass, Dmitry (Presenter & Author), Baron, Opher, Berman, Oded, Kim, Seokjin, CORS-INFORMS International Meeting, "The network design of spatially distributed service systems with two prioritized call classes," Candian Operational Research Society (CORS), Toronto, Canada. (June 2009).

Huang, Rongbing (Presenter & Author), Menezes, Mozart, Kim, Seokjin, INFORMS Annual Meeting, "Facility location for emergency evacuation," Institute for Operations Research and the Management Sciences (INFORMS), Washington, DC. (October 2008).

Kim, Seokjin (Presenter & Author), Menezes, Mozart, Huang, Rongbing, INFORMS Annual Meeting, "The impact of cost uncertainty on the network design of supply chains," Institute for Operations Research and the Management Sciences (INFORMS), Washington, DC. (October 2008).

Kim, Seokjin (Presenter & Author), Baron, Opher, Berman, Oded, Krass, Dmitry, INFORMS Annual Meeting, "The network design of spatially distributed service systems with two

prioritized call classes," Institute for Operations Research and the Management Sciences (INFORMS), Washington, DC. (October 2008).

Kim, Seokjin (Presenter & Author), Nakhai, Behnam, DSI Annual Meeting, "The dynamics of quality costs in continuous improvement," Decision Sciences Institute (DSI), Phoenix, AZ. (November 2007).

Kim, Seokjin (Presenter & Author), Menezes, Mozart, Huang, Rongbing, INFORMS Annual Meeting, "Impact of cost uncertainty on the location of facilities in a supply chain," Institute for Operations Research and the Management Sciences (INFORMS), Seattle, WA. (November 2007).

Kim, Seokjin (Presenter & Author), Nakhai, Behnam, POMS Annual Conference, "Quality costs and quality level: A dynamic model," Production and Operations Management Society (POMS), Dallas, TX. (May 2007).

Kim, Seokjin (Presenter & Author), Berman, Oded, Krass, Dmitry, INFORMS Annual Meeting, "Service disciplines in location models with stochastic demands and congestion," Institute for Operations Research and the Management Sciences (INFORMS), Pittsburgh, PA. (November 2006).

Berman, Oded, Krass, Dmitry, Kim, Seokjin (Presenter & Author), POMS Annual Conference, "Locating mobile servers for emergency medical services with two prioritized call classes," Production and Operations Management Society (POMS), Boston, MA. (April 2006).

Menezes, Mozart (Presenter & Author), Berman, Oded, Huang, Rongbing, Kim, Seokjin, INFORMS Annual Meeting, "Locating capacitated facilities to maximize captured demand," Institute for Operations Research and the Management Sciences (INFORMS), Denver, CO. (October 2004).

Menezes, Mozart, Kim, Seokjin (Presenter & Author), Huang, Rongbing, DSI Annual Meeting, "Optimal workforce size and allocation for urban retail chains," Decision Sciences Institute (DSI), Washington, DC. (November 2003).

Kim, Seokjin (Presenter & Author), Berman, Oded, Krass, Dmitry, INFORMS Annual Meeting, "Locating mobile servers under stochastic demands and congestion," Institute for Operations Research and the Management Sciences (INFORMS), Atlanta, GA. (October 2003).

Kim, Seokjin (Presenter & Author), Berman, Oded, Krass, Dmitry, CanQueue Annual Conference, "Locating mobile servers under stochastic demands and congestion," Canadian Queueing Theorists and Practitioners (CanQueue), Toronto, Canada. (September 2003).

Kim, Seokjin (Presenter & Author), Krass, Dmitry, Berman, Oded, INFORMS Annual Meeting, "A new approach to location of mobile servers under congestion," Institute for Operations Research and the Management Sciences (INFORMS), San Jose, CA. (November 2002).

Berman, Oded, Krass, Dmitry, Kim, Seokjin (Presenter & Author), CORS Annual Conference, "Locating mobile servers under stochastic demands and congestion," Candian Operational Research Society (CORS), Toronto, Canada. (June 2002).