Artificial Intelligence in Inventory Research

Session organizers: Francesco Stranieri (Politechnico di Torino), Fabio Stella (UNIVERSITA' DEGLI STUDI DI MILANO - BICOCCA), and Chaaben Kouki (Essca School of Management).

The session will explore how artificial intelligence (AI) can transform inventory research. It will emphasize the synergy between operations research, management science, and AI, focusing on innovative AI algorithms suited for complex inventory scenarios. The session will also discuss the broader implications of AI integration, addressing technical advancements and ethical considerations in its application to inventory management. The objective is to offer a thorough insight into how AI can significantly change and improve inventory management strategies and practices.

The main topics are:

- Key topics include reinforcement learning
- deep learning, machine learning
- mathematical methods in decision-making processes.
- The session will also delve into aspects like sustainable AI models,
- prediction methods, reproducibility
- open access, and fairness in AI applications in inventory research.

If you are interested in joining these sessions, then please do the following:

- You submit your abstract via the web site for the ISIR conference:
  http://www.isirsymposium

When you submit you can denote that you want to join the sessions on **Artificial Intelligence in Inventory Research.**

Abstract submission deadline:
March 31, 2024

Contact details of the session organizer:

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