Proceedings of the 2022 Winter Simulation Conference
B. Feng, G. Pedrielli, Y. Peng, S. Shashaani, E. Song, C.G. Corlu, L.H. Lee, E.P. Chew, T. Roeder, and P. Lendermann, eds.

CASE STUDY COMPETITION FINALISTS' PRESENTATIONS

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ABSTRACT

In line with the spirit of "Reimagine Tomorrow", the theme for this year's Winter Simulation Conference (WSC), we are thrilled to introduce our Case Study Competition which will examine the role of simulation in next-generation industrial systems as well as plant the seeds of collaboration between academia and industry.

Titled "Smart Simulation for Intelligence Incubation", the competition aims at demonstrating and promoting simulation's ability to cooperate with optimization rules and data learning in order to improve the overall performance of intelligent systems. It will provide participants with an opportunity to explore and exploit the use of simulation tools in supporting real-time decision analysis under different scenarios.

Well-known for its efficiency in logistics services, Singapore is currently in the midst of developing the world's largest next-generation container port. 2022 WSC examines the country's next-generation logistics and port systems integration and how simulation can provide quality solutions in planning for the future. To further support this effort, the organizers have selected a classic case –automated grid mover system– from the maritime port and logistics industry as the main case study for the competition. In this presentation, the top 5 teams will present their results.