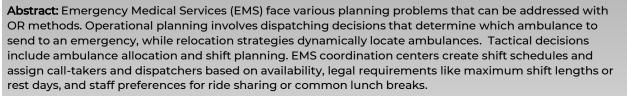




CIRRELT / CORS (Montréal Chapter) joint seminar

STEFAN NICKEL KARLSRUHE INSTITUTE OF TECHNOLOGY (KIT), GERMANY

EMERGENCY LOGISTICS IN HEALTHCARE



Strategic planning decisions regarding ambulance station locations and EMS district design can be addressed using queuing theory, mathematical programming, simulation, and machine learning techniques, such as model parameterization. However, a crucial yet often overlooked step is ensuring that the chosen objective criteria genuinely contribute to enhancing patient care.

This talk will showcase planning problems and corresponding modelling approaches in emergency logistics, illustrating how OR can impact policy changes. Further information on our ongoing research and projects is available here.

Short biography: Stefan Nickel is a Full Professor at the Karlsruhe Institute of Technology (KIT) in Germany and one of the directors of the Institute of Operations Research, where he holds the Chair in Discrete Optimization and Logistics and serves as the speaker of the institute. Since 2011, he has also been one of the directors of both the Karlsruhe Service Research Institute (KSRI) and the FZI Research Center for Information Technology. In addition, he has been a member of the Executive Board at FZI since 2023. Stefan Nickel has authored or co-authored 13 books and more than 180 scientific articles in his research areas, including Locational Analysis, Supply Chain Management, Health Care Logistics, and Online Optimization.



VENDREDI / FRIDAY 10 OCTOBRE 2025 / OCTOBER 10TH, 2025

11:00

Université de Montréal Pavillon André-Aisenstadt Salle / Room: 5441

Ouvert à tous / Open to all

Responsable / Organizer: Nadia Lahrichi





















