Jan BROEKAERT

Chercheur postdoctoral

Académie : Digitalisation

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Formation

1994	PhD en Physique, Vrije Universiteit Brussel, Belgique
1987	Master of Science en Physique, Vrije Universiteit Brussel, Belgique

Expérience Professionnelle

Positions académiques principales

2019 - 2020	Chercheur postdoctoral, University of Leeds, Royaume Uni
2017 - 2019	Chercheur postdoctoral, Indiana University Bloomington, Etats-Unis d'Amérique
2010 - 2017	Chargé de cours non permanent, Vrije Universiteit Brussel, Belgique

Autres affiliations académiques

2016 - 2017	Membre d'une équipe de recherche, City, University of London, Royaume Uni

Publications

Articles académiques revus

BROEKAERT, J., LA TORRE, D. et HAFIZ, F. (2024). The impact of the psychological effect of infectivity on Nash-balanced control strategies for epidemic networks. *Annals of Operations Research*.

HAFIZ, F., BROEKAERT, J., LA TORRE, D. et SWAIN, A. (2023). Co-evolution of Neural Architectures and Features for Stock Market Forecasting: A Multi-objective Decision Perspective. *Decision Support Systems*, 174, pp. 114015.

HAFIZ, F., BROEKAERT, J., LA TORRE, D. et SWAIN, A. (2023). A multi-criteria approach to evolve sparse neural architectures for stock market forecasting. *Annals of Operations Research*, pp. 1-45.

MUBASHIR WANI, M., HAFIZ, F., SWAIN, A. et BROEKAERT, J. (2023). Balancing energy consumption and thermal comfort in buildings: a multi-criteria framework. *Annals of Operations Research*.

BROEKAERT, J., LA TORRE, D. et HAFIZ, F. (2022). Competing control scenarios in probabilistic SIR epidemics on social-contact networks. *Annals of Operations Research*.

Chapitres d'ouvrage

BRUSSET, X., LA TORRE, D. et BROEKAERT, J. (2022). Algorithms, Analytics and Artificial Intelligence - Harnessing Data to Make Supply Chain Decisions. Dans: Bart MacCarthy, Dmitry Ivanov eds. *The Digital Supply Chain*. 1st ed. Amsterdam: Elsevier, pp. 93-110.

Actes d'une conférence

BROEKAERT, J. et LA TORRE, D. (2021). A Vector Logistic Dynamical Approach to Epidemic Evolution on Interacting Social-Contact and Production-Capacity Graphs. *Springer*, 633.

Autres activités de recherche

Supervision de thèses / HDR

2017	F. U. KAPUTU, Vrije Universiteit Brussel, Doctorat, Directeur de thèse
2013	K. DE LOOZE, Vrije Universiteit Brussel, Doctorat, Directeur de thèse