

37 years, French nationality

Mouna KCHAOU BOUJELBEN

Address PO.BOX. 13918
Al Ain UAE

PhD in industrial engineering

Professional experience

2014-Present **UAE University – College of Business and Economics – Business Administration Department**
Assistant Professor in Logistics and Supply Chain Management

2010-2013 **Renault – Supply Chain Department** PhD in
collaboration with the company Renault.

2008 **Sanofi-Aventis – Supply Chain Department**
Internship

2006-2007 **Societe Generale Bank – Information systems department**
Business analyst

2006 **BNP Paribas**
Internship

Education

2010-2013 **ECOLE CENTRALE PARIS, France** – PhD in industrial engineering
Dissertation title: Modeling and solving a distribution network design problem with multiple operational constraints. Application to a case-study in the automotive industry.

2007-2008 **ESSEC, France** – Specialized Postgraduate Degree in Supply Chain Management
Certification: Basics of supply chain management of APICS (Exam Date: 15/3/2008)

2003-2006 **ENSIMAG, France** – Master's degree
Engineering in applied mathematics and computer science

2001-2003 **IPEST, Tunisia** (Preparatory school for engineering studies)
MP (Mathematics and Physics)

Teaching experience

2014-2019 **UAE University – Assistant Professor Teaching load: 18 credit hours per year (6 sections per year)**
Undergraduate level: supply chain and operations management, logistics and transportation management, global supply chain
Graduate level (MBA): Operations management in service

2012-2013 **Paris Dauphine University (France) – Teaching assistant**
Undergraduate level: Algorithmics and VBA programming language

2011-2012 **Paris Sud University (France) – Teaching assistant**
Undergraduate level: Exercises in analysis and development of information systems

2011-2012 **Ecole Centrale Paris (France) – Teaching assistant**

Publications

Academic journals (Published)

Kchaou Boujelben, M. and Gicquel, C. (2019). Efficient solution approaches for locating electric vehicle fast charging stations under driving range uncertainty. *Computers & Operations Research (IF18: 3.002)*, 109, 288-299.

Jerbia, R., Kchaou Boujelben, M., Sehli, M., & Jemai, Z. (2018). A stochastic closed-loop supply chain network design problem with multiple recovery options. *Computers and Industrial Engineering (IF18: 3.518)*, 118, 23-32.

Boujelben, M. & Boulaksil, Y. (2018). Modeling international facility location under uncertainty: a review, analysis and insights. *IIE Transactions (IF18: 1.417)*, 50, 535-551.

Kchaou Boujelben, M., Gicquel, C., & Minoux, M. (2016). A MILP model and heuristic approach for facility location under multiple operational constraints. *Computers and Industrial Engineering (IF18: 3.518)*, 98, 446-461.

Kchaou Boujelben, M., Gicquel, C., & Minoux, M. (2014). A distribution network design problem in the automotive industry: MIP formulation and heuristics. *Computers & Operations Research (IF18: 3.002)*, 52, 16-28.

Academic journals (In review)

Kadri, A., Kchaou Boujelben, M. & Gicquel, C. A multi-stage stochastic integer programming approach for locating electric vehicle charging stations. *In revision for publication in Computers and Operations Research (IF18: 3.002)*.

Kchaou Boujelben, M. and Gicquel, C. Locating electric vehicle charging stations under uncertain battery energy status and power consumption. *Submitted to Transportation Research Part B (IF18:4.5)*.

Book chapters (Published)

Boujelben, M. & Gicquel, C. (2018). Location of Electric Vehicle Charging Stations Under Uncertainty on the Driving Range. Published in *Lecture Notes in Computer Science, 11184 (From International Conference on Computational Logistics 2018, Italy)*.

Conference proceedings

Gicquel, C., Kchaou Boujelben, M. & Makhoulf, W. (2019). A bi-level programming approach to locate capacitated electric vehicle charging stations. *International Conference on Control, Decision and Information Technologies CODIT19, France*.

Jerbia, R., Boujelben, M., Sehli, M., & Jemai, Z. (2017). Considering multiple recovery options and uncertainties in a closed-loop supply chain network design problem. *International Conference on Control, Decision and Information Technologies CODIT17, Spain*.

Kchaou Boujelben, M., Gicquel, C., & Minoux, M. (2012). A supply chain network design problem under flow consolidation constraints. *International Conference of Modeling Optimization and Simulation, MOSIM'12, France*.

Boujelben, M., Gicquel, C., & Minoux, M. (2012). A MILP model and heuristic approach for supply chain network design with minimum volume constraints. *IEEE International conference on Industrial Engineering and Engineering Management, Hong Kong, China.*

Conference Presentations

Kchaou Boujelben, M. & Gicquel, C. (2018). Location of Electric Vehicle Charging Stations Under Uncertainty on the Driving Range. *International Conference on Computational Logistics 2018, Italy.*

Jerbia, R., Boujelben, M., Sehli, M., & Jemai, Z. (2017). Considering multiple recovery options and uncertainties in a closed-loop supply chain network design problem. *International Conference on Control, Decision and Information Technologies CODIT17, Spain.*

Boujelben, M. & Boulaksil, Y. (2016). Dynamic international facility location under uncertainties: A review and insights. *International Conference on Decision Aid Sciences and Applications DASA16, Tunisia.*

Boujelben, M. & Boulaksil, Y. (2016). Dynamic international facility location with uncertainties: A review and computational analysis. *Computational Management Science CMS16, Spain.*

Kchaou Boujelben, M., Gicquel, C., & Minoux, M. (2015). A MIP formulation and heuristic for a dynamic distribution network design problem – Case study in the automotive industry. *European Chapter on Combinatorial Optimization ECCO15, Italy.*

Boujelben, M., Gicquel, C., & Minoux, M. (2012). A MILP model and heuristic approach for supply chain network design with minimum volume constraints. *IEEE International conference on Industrial Engineering and Engineering Management, Hong Kong, China.*

Boujelben, M., Gicquel, C., & Minoux, M. (2012). A supply chain network design problem under flow consolidation constraints. *International Conference of Modeling Optimization and Simulation, MOSIM'12, France.*

Kchaou Boujelben, M., Gicquel, C., & Minoux, M. (2013). Conception d'un réseau logistique avec contraintes de volume minimum : une heuristique basée sur la relaxation linéaire. *ROADEF13, France.*

Kchaou Boujelben, M., Gicquel, C., & Minoux, M. (2012). Un problème de conception de réseaux logistiques avec des contraintes de massification des flux. *ROADEF12, France.*

Student supervision

Co-Supervision of research projects for:

- A postdoctoral researcher (15 month project)
- Six master's students (6 month projects)
- One undergraduate student (3 month project)

Research grants

2017-2019: Kchaou Boujelben, M. & Gicquel, C., “A stochastic multi-period facility location model for electric vehicle charging infrastructure planning”, UAEU UPAR grant, Principal Investigator.

2015-2017: Kchaou Boujelben, M. & Boulaksil, Y., Dynamic and stochastic facility location problems, UAEU Startup grant, Principal Investigator.

Community and university services

Referee activities: Refereeing research papers submitted for publication in high impact academic journals (Computers and Industrial Engineering and Transportation Research Part E).

Participation in UAEU College of Business and Economics committees and other activities:

- Member of the program development committee at the department and/or at the college level (in 2014/2015, 2015/2016, 2016/2017, 2017/2018 and 2018/2019).
- Member of CAA (national) ad-hoc accreditation committee (in 2016/2017 and 2017/2018)
- Student advising (around 115 advising cases since 2015)

Computer skills and languages

Computer skills: Programming languages (C/C++, VBA, Matlab), Cplex solver.

Languages: Fluent in English, French and Arabic