**SHORT CURRICULUM VITAE**

**Family Name**: AGHEZZAF  
**Given Name**: El-Houssaine  
**Work Address**: Department of Industrial Systems Engineering and Product Design (ISyE-PD)  
Faculty of Engineering and Architecture (FEA), Ghent University (UGent),  
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**Research Interest:**

Design and optimization of supply and utility networks;  
Design, planning and control of complex assembly systems;  
Integrated production and maintenance planning and scheduling;  
Integrated optimization of logistics flows and traffic management;  
Design and optimization of in-plant logistics systems,  
Design of Human-Centered Workplaces

**Teaching Interest:**

Design of Manufacturing and Service Operations  
Industrial Systems Modeling and Optimization

Operations Research Models and Methods

Manufacturing Systems Planning and Control  
Methods Engineering and Work Measurement  
Quality Engineering and Industrial Statistics

Simulation of Manufacturing and Service Systems  
Supply Chain Engineering and Management

**Education:**

**1989-1992: Ph.D. Applied Mathematics (Operations Research)**, Center for Operations Research and  
Econometrics, CORE, Université Catholique de Louvain (UCL), (Belgium).  
**1988-1989: M.Sc. Applied Mathematics (DEA-Operations Research)**, Department of Mathematics,  
Université Catholique de Louvain (UCL), (Belgium).  
**1983-1987: B.Sc. Applied Mathematics (Licence es-Sciences Mathématiques)**, Department of  
Mathematics, Université Caddi-Ayyad (UCA), Marrakech (Morocco).

**Appointments:**

**October 2000 - Present**: Professor of Operations Research and Industrial Engineering, Department of  
Industrial Systems Engineering and Product Design, Faculty of Engineering and Architecture, Ghent  
University, (UGent, Ghent - Belgium).

**January 1996 – August 2000:** Professor of Operations Management and Quantitative Methods, School of  
Business Administration (SBA), Al-Akhawayn University, (AUI, Ifrane - Morocco).  
**April 1993 – December 1995:** Doctor-Assistant, Applied Operations Research and Industrial Management,  
Department of Computer Science and Quantitative Methodes, Facultés Universitaires Catholiques de  
Mons, (FUCaM, Mons - Belgium).  
**September 1991- May 1993:** Teaching Assistant, Operations Research and Industrial Management, Center for Operations Research and Econometrics, CORE, Université Catholique de Louvain, (UCL, Louvain-laNeuve - Belgium).  
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**Current Administrative Activities:**

**Head of the department of Industrial Systems Engineering** and Product Design, Faculty of Engineering  
and Architecture, Ghent University, 2010-present.  
**Member of the Faculty Board of the Faculty of Engineering and Architecture**, Ghent University, 2012-  
present.  
**Member of the AP/ATP Policy-Steering Commission of the Faculty of Engineering and Architecture**,  
Ghent University, 2012-present.  
**Member of the Scientific Research Steering Commission of the Faculty of Engineering and Architecture**,  
Ghent University, 2012-2016.  
**Member of the Education and Program Steering Commission** – Master of Science in Industrial Engineering and **Operations Research, Faculty of Engineering and Architecture**, Ghent University, 2013-  
present, and Chairman 2006-2012.

**Selection of recently published papers:**

1. C. Diallo, U. Venkatadri, A. Khatab, Z. Liu, and E.-H. Aghezzaf, “Optimal joint selective imperfect maintenance  
and multiple repairpersons assignment strategy for complex multicomponent systems.”, International  
Journal of Production Research, Published: 2018 (IF = 2.623, Rank ORMS = 20/83, Q1).  
2. W. Lefever, E.-H. Aghezzaf, K. Hadj-Hamou, and B. Penz Khaled, “Analysis of an improved branch-and-cut  
formulation for the Inventory-Routing Problem with Transshipment.”, Computers & Operations Research,  
Volume: 98, Pages: 137-148, Published: Oct 2018, (IF = 2.962, Rank ORMS = 15/83, Q1)  
3. A. Khatab, D. Claver; E.-H. Aghezzaf, El-Houssaine; and U. Venkatadri, “Condition-based selective  
maintenance for stochastically degrading multi-component systems under periodic inspection and imperfect  
maintenance.” Proceedings of the Institution of Mechanical Engineers Part O-Journal Of Risk And Reliability,  
Volume: 232,Special Issue: SI, Pages: 447-463, Published: Aug 2018, (IF = 1.373, Rank ORMS = 48/83,Q3).  
4. S. ElSaid and E.-H. Aghezzaf, “A progress indicator-based assessment guide for integrated municipal solidwaste management systems.”, Journal of Material Cycles and Waste Management, Volume: 20, Issue: 2,  
Pages: 850-863, Published: APR 2018, (IF = 1.693, Rank Env. Sc. = 142/241, Q3).  
5. Y. Sagaert, E.-H. Aghezzaf, K. Nikolaos, and B. Desmet, “Temporal Big Data for Tactical Sales Forecasting in  
the Tire Industry.”, Interfaces, Volume: 48, Issue: 2, Special Issue: SI, Pages: 121-129, Published: Mar-Aap  
2018, (IF = 0.889, Rank ORMS = 68/83, Q4).  
6. Y. Sagaert, E.-H. Aghezzaf, K. Nikolaos, and B. Desmet, “Tactical sales forecasting using a very large set of  
macroeconomic indicators.”, European Journal of Operational Research, Volume: 264, Issue: 2, Pages: 558-  
569, Published: Jan 2018, (IF = 3.428, Rank ORMS = 12/83, Q1).  
7. A. Khatab, E.-H. Aghezzaf, C. Diallo, and I. Djelloul, “Selective maintenance optimisation for series-parallel  
systems alternating missions and scheduled breaks with stochastic durations.”, International Journal of  
Production Research, Pages 1-17, DOI: 10.1080/ 00207543.2017.1290295, Published: 21 Feb 2017, (IF =  
1.693, Rank IE = 15/43, Q2).  
8. A. Khatab, E.-H. Aghezzaf, I. Djelloul, and Z. Sari, “Selective maintenance optimization for systems operating  
missions and scheduled breaks with stochastic durations.”, Journal of Manufacturing Systems, Volume 43,  
Part 1, Pages 168–177, DOI:10.1016/j.jmsy.2017.03.005, Published: April 2017, (IF = 2.240, Rank ORMS =  
15/82, Q1).  
9. C. Verbeeck, P. Vansteenwegen and E.-H. Aghezzaf, “The time-dependent orienteering problem with time  
windows: a fast ant colony system.”, Annals of Operations Research, Pages:1-25, DOI: 10.1007/s10479-017-  
2409-3, Published: February 2017, (IF = 1.406, Rank ORMS = 32/82, Q2).  
10. E. Yadollahi, E.‐H. Aghezzaf and B. Raa, “Managing inventory and service levels in a safety stock‐based  
inventory routing system with stochastic retailer demands.”, Applied Stochastic Models in Business and  
Industry, Published online: 2017, DOI: 10.1002/asmb.2241, (IF = 1.062, Rank ORMS = 68/83, Q4).