1. Name: Dr. Khaoula Hamdi
2. Education – degree, discipline, institution, year

Ph. D, Optimization and System safety, *University of Technology of Troyes France*, 2011

M. Sc Degree, Industrial Engineering, *Ecole des Mines de Saint-Etienne France*, 2008

Engineer Degree, Industrial Engineering, *Ecole des Mines de Saint-Etienne France*, 2008

1. Academic experience – institution, rank, title (chair, coordinator, etc. if appropriate), when (ex. 1990-1995), full time or part time

Feb. 2013 – now: Assistant Professor, KSU (King Saud University), CCIS, IT-Department, KSA, Full time

1. Non-academic experience – company or entity, title, brief description of position, when (ex. 1993-1999), full time or part time
2. Certifications or professional registrations
3. Current membership in professional organizations.
4. Honors and awards
5. Service activities (within and outside of the institution)

Reviewing Graduation projects for the CCIS project contest

Reviewing Poster of the IT project fair

Graduation Project 1 head of committee

1. Publications (list selected publications)

Publications:

1. Khaoula HAMDI-DHAOUI, Nacima LABADIE and Alice YALAOUI, The bi-objective two-dimensional loading vehicle routing problem with partial conflicts. International Journal of Production Research. Vol. 52, Issue 19, pp. 5565–5582, 2014.

2. Khaoula HAMDI-DHAOUI, Nacima LABADIE and Alice YALAOUI . Algorithms for the Two dimensional Bin Packing Problem with Partial Conflicts. RAIRO Operations Research, Vol. 46, pp. 41–62, 2012.

3. Khaoula HAMDI-DHAOUI, Nacima LABADIE and Alice YALAOUI . [Mathematical model and heuristics for the Vehicle Routing Problem with Conflicts](http://www.i4e2.com/journal/volumes_4_2010/jol_abstract_s109.html). Journal of Operations and Logistics, Vol. 4, Issue n°1, pp. II.18-II.34, 2011.

Conference papers:

4. Khaoula Hamdi and Meriam Kefi, Network-Aware Virtual Machine Placement in Cloud Data Centers: An Overview. The Second IEEE [International Conference on Industrial Informatics and Computer Systems (](http://www.aus.edu/ciics16)CIICS'2016), March 13-15, 2016. Dubai, UAE.

5. Souad Larabi Marie-sainte and Khaoula Hamdi. Projection Pursuit Algorithm for Virtual Machine Clustering for Monitoring Purposes. The Second IEEE [International Conference on Industrial Informatics and Computer Systems (](http://www.aus.edu/ciics16)CIICS'2016), March 13-15, 2016. Dubai, UAE.

6. Khaoula Hamdi. A Mathematical Model and a GRASP Metaheuristic for a Faculty-course Assignment Problem for a University in Saudi Arabia. The IEEE International Conference in Industrial Engineering and Engineering Management, Kuala Lumpur 9-12 December 2014, pp. 627 - 676.

7. Khaoula HAMDI-DHAOUI, Nacima LABADIE and Alice YALAOUI. Vehicle Routing Problem for Hazardous Materials Transportation: An Overview. The IEEE International Conference in Industrial Engineering and Engineering Management, Kuala Lumpur 9-12 December 2014, pp. 632 - 636.

8. Khaoula HAMDI-DHAOUI, Nacima LABADIE and Alice YALAOUI. The bi-objective two-dimensional Loading with Partial Conflicts Vehicle Routing Problem. 9th International Conference on Modeling, Optimization and SIMulation ([MOSIM](http://www.lsis.org/mosim2012/index.php?option=com_content&view=article&id=15&Itemid=15&lang=fr)) Bordeaux, France, 6-8 June, 2012.

9. Khaoula HAMDI-DHAOUI, Nacima LABADIE and Alice YALAOUI. The Vehicle Routing problem with Conflicts. Proceedings of the 18th IFAC World Congress (IFAC’ 2011) Milano, Italy, August 28 - September 2, 2011, Vol. 18 Part 1. pp 9799-9804. ISBN: 978-3-902661-93-7.

10. Khaoula HAMDI-DHAOUI, Nacima LABADIE and Alice YALAOUI. A memetic algorithm for the two-dimensional bin-packing problem with partial conflicts. Proceedings of the International Conference on Industrial Engineering and Systems Management (IESM’2011), ENIM - Metz, France, May 25-27 2011, pp. 371 – 379, ISBN 978-2-9600532-3-4.

11. Khaoula HAMDI, Nacima LABADI and Alice YALAOUI. An iterated local search for the vehicle routing problem with conflicts. Proceedings of the 8th International Conference of Modeling and Simulation (MOSIM’ 2010), Hammamet, Tunisia, May 10-12 2010, pp 1203-1211. ISBN 978-2-7430-1330-1.

1. Briefly list the most recent professional development activities:

1. Essentials of Cloud Application Development (Training course) on 17-18 August 2015, by IBM.

2. Cloud Infrastructure and Services (Training course) on 20 to 26 January 2015, by EMC2.