

# CURRICULUM VITAE

**Can AKKAN**  
**December - 2015**

## GENERAL

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### **Work Address:**

Sabancı School of Management,  
Sabancı University,  
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Istanbul, Turkey.  
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### **Languages:**

Turkish (native), English

### **Citizenship:**

Turkish

### **Born:**

December 22, 1967

## EDUCATION

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### **Ph.D.:**

Operations Research (with minor in Business Administration), Cornell University,  
Ithaca, N.Y., U.S.A, 1993

### **Bachelor of Science:**

Industrial Engineering, Middle East Technical University, Ankara, Turkey, 1989

### **High School:**

T.E.D. Ankara Koleji, Ankara, Turkey, 1985

## ACADEMIC EXPERIENCE

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### **November 2005 – present**

Sabancı University, Faculty of Management, Associate Professor.

### **February 2012 – July 2012**

MIT Sloan School of Management, International Faculty Fellow.

### **February 2004 – November 2005**

Sabancı University, Faculty of Management, Assistant Professor.

### **November 2003 – January 2004**

Sabancı University, Faculty of Management, Visiting Professor.

### **September 1993 – August 1995 and January 1997 – September 2003**

Koç University, College of Administrative Sciences and Economics, Assistant Professor .

### **September 1989 – June 1993**

Cornell University (Ithaca, NY), School of Operations Research and Industrial  
Engineering, Teaching Assistant.

## **OTHER WORK EXPERIENCE**

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### ***September 1995 – December 1996***

Lieutenant, Army Language School (Istanbul, Turkey), Teacher of English as a Second Language (as Obligatory Military Service).

## **RESEARCH INTERESTS**

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Robustness Scheduling and Rescheduling  
Production and Project Scheduling, Timetabling  
Planning and Control Problems in Disassembly Systems  
Applied Discrete Optimization

## **TEACHING EXPERIENCE**

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Design and teaching of the following courses:

### ***Executive MBA:***

Operations Management, Decision Analysis, Management Science, Statistics, Project Management.

### ***MBA:***

Management Science, Monte Carlo Simulation, Project Management, Operations Management, Statistics, Service Operations Management, Programming in VBA for MS Excel, Advanced MS Excel for Managers

### ***Undergraduate:***

Management Science, Monte Carlo Simulation, Quality Management, Statistics

### ***Executive Education:***

Decision Making Using Data, Project Management, Operations Management

## **ADMINISTRATIVE WORK**

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### ***April 2011 – September 2014***

Associate Dean of Sabancı School of Management, Sabancı University

### ***January 2006 – January 2011***

Director of the MBA Program, Faculty Executive Committee Member, Faculty of Management, Sabancı University

### ***January 2006 – September 2008***

Director of the Executive MBA Programs, Faculty Executive Committee Member, Faculty of Management, Sabancı University

### ***October 2005 – January 2006***

Co-Director of MBA and Executive MBA Programs, Faculty Executive Committee Member, Faculty of Management, Sabancı University

### ***February 2004 – September 2005***

Coordinator of the Undergraduate Management Program, Sabancı University.

## **PUBLICATIONS**

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### ***Refereed Journals:***

- Koçaş, C. and Akkan, C. (2016) "How Trending Status and Online Ratings Affect Prices of Homogeneous Products", *International Journal of Electronic Commerce*, in press.
- Akkan, C., Külünk, M. Erdem, Koçaş, C. (2016) "Finding robust timetables for project presentations of student teams", *European Journal of Operational Research*, 249, 560-576.
- Akkan, C. (2015) "Improving schedule stability in single-machine rescheduling for new operation insertion", *Computers & Operations Research*, 64, 198-209
- Altekin, F.T. and Akkan, C. (2012) "Task-failure-driven rebalancing of disassembly lines", *International Journal of Production Research*, 50, 18, 4955-4976
- Karabatı, S. and Akkan, C. (2006) "Minimizing Sum of Completion Times on a Single Machine with Sequence-Dependent Family Setup Times", *Journal of the Operational Research Society*, 57, 271-280.
- Akkan, C. , Drexl, A. and Kimms, A. (2005) "Generating an Acyclic Directed Graph with a Given Complexity Index by Constraint Logic Programming", *Journal of Logic and Algebraic Programming*, 62, 1-39.
- Akkan, C. , Drexl, A. and Kimms, A. (2005) "Network Decomposition-Based Benchmark Results for the Discrete Time-Cost Tradeoff Problem", *European Journal of Operational Research*, 165, 339-358.
- Akkan, C., Karabatı, S. (2004) "The Two-machine Flowshop Total Completion Time Problem: Improved Lower Bounds and a Branch-and-Bound Algorithm", *European Journal of Operational Research*, 159, 420-429.
- Akkan, C., (1997) "Finite-Capacity Scheduling-Based Planning for Revenue-Based Capacity Management", *European Journal of Operational Research*, 100, 170-179.
- Akkan, C., (1996) "Overtime Scheduling: An Application in Finite-Capacity Real-Time Scheduling", *Journal of the Operational Research Society*, 47, 1137-1149.

### ***Refereed Chapters in Books:***

- Akkan, C., (1998) "A Prioritized Re-insertion Approach to Production Rescheduling", in *Beyond Manufacturing Resource Planning: Advanced Models and Methods for Production Planning*, eds. A.Drexl and A. Kimms, Springer-Verlag.

### ***Conference Proceedings:***

- Akkan, C. , Drexl, A. and Kimms, A. (2000) "Network Decomposition for the Discrete Time-Cost Tradeoff Problem Part 1: Models and Bounding Methods Part 2: Network

Decomposition and Computational Results", Proceedings of the 7th International Workshop on Project Management and Scheduling, April 17-19, Osnabrück, Germany.

Akkan, C. , Drexl, A. and Kimms, A. (2000) "Network Decomposition for the Discrete Time-Cost Tradeoff Problem Part 1: Models and Bounding Methods", Proceedings of the 7th International Workshop on Project Management and Scheduling, April 17-19, Osnabrück, Germany

Akkan, C. (1998) "A Lagrangian Heuristic for the discrete time-cost tradeoff problem", Proceedings of the 6th International Workshop on Project Management and Scheduling, July 7-9.

Akkan, C., Yedekçiođlu, O. A., Sayılan, E., and Barlass, Ş., (1995) "A Database Application for Help-Desk Scheduling and Management", *Proceedings of the European Simulation Symposium*, Ekim.

## **RESEARCH GRANTS**

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TÜBİTAK 3001 Grant (No: 214M661) Developing solution network algorithms for identifying robust solutions to a event timetabling problem (Bir etkinlik çizelgeleme modeli için gürbüz çözümler belirleme amacıyla çözüm ađı algoritmaları geliştirilmesi). (15/04/2015 – 15/04/2017)

## **AWARDS**

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CEEMAN (International Association for Management Development in Dynamic Societies) Teaching Champion Award, 2015

Sabancı University, Class of 2010 Teaching Award – Ranked 3<sup>rd</sup>

Sabancı University, Class of 2009 Teaching Award – Ranked 5<sup>th</sup>

Sabancı University, Class of 2008 Teaching Award – Ranked 3<sup>rd</sup>

Cornell University, Operations Research and Industrial Engineering Teaching Assistant of the Year, 1993

## **MEMBERSHIPS**

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Institute for Operations Research and Management Science (INFORMS)

Yöneylem Araştırması Derneđi (YAD) – Turkish Operations Research Society

## **HOBIES**

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Sailing