

## CURRICULUM VITAE

Dr. Illana Bendavid

December, 2013

**Department:** Industrial Engineering and Management  
**Current Position:** Lecturer, Industrial Engineering and Management and Systems Engineering programs.  
**Courses:** Production systems Control and Management, Project Planning and Management, Layout and Facility Design, Seminar in Industrial Engineering  
**Research Interests:** Supply chain and inventory management, Project scheduling and management, Layout and facility design  
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**Site:** "none"

### EDUCATION

*Post-Doctorate* 2010-2011, INSEAD, France.

Technology and Operations Management Area (TOM), INSEAD, France.

*Ph.D.* 2005-2010, Industrial Engineering.

Faculty of Industrial Engineering and Management, Technion – Israel Institute of Technology.

*M.Sc.* 2002-2004, Industrial Engineering, Cum Laude.

Faculty of Industrial Engineering and Management, Technion – Israel Institute of Technology.

*B.Sc.* 1997-2002, Industrial Engineering, Cum Laude.

Faculty of Industrial Engineering and Management, Technion – Israel Institute of Technology.

*Management School* 1996-1997,

INT (National Institute of Telecommunications) - Management, Paris.

Stopped after a year because of immigration to Israel.

*Prepa – H.E.C.* 1994-1996,

Lycée Claude-Bernard, Paris. Preparatory course for H.E.C. (Hautes Etudes Commerciales – High Management Studies).

## **RESEARCH INTERESTS**

- Supply chain and inventory management
- Project scheduling management
- Layout and facility design

## **ACADEMIC APPOINTMENTS**

2011 – Present: Ort Braude College, Karmiel, Israel, Department of Industrial Engineering and Management, Lecturer

2009 - Present: Technion - Israel Institute of Technology, Faculty of Industrial Engineering and Management, Adjunct Lecturer.

2002 - 2009: Technion - Israel Institute of Technology, Faculty of Industrial Engineering and Management, Adjunct Assistant Teacher.

## **TEACHING EXPERIENCE**

### **The Ort Braude College:**

#### **Undergraduate Courses:**

Production systems Control and Management  
Project Planning and Management  
Seminar in Industrial Engineering  
Layout and facility design

#### **Graduate Courses:**

Project Planning and Management  
Seminar in Industrial Engineering

### **Technion – Faculty of Industrial Engineering and Management:**

#### **Undergraduate Courses:**

Facilities Location and Layout (Lecturer)  
Supply Chain Management and Logistic Systems (Teaching Assistant and Lecturer)  
Projects in Industrial Engineering (Coordinator)  
Project Planning and Management (Teaching Assistant and Lecturer)

#### **Graduate Courses:**

Design and Production Control (Teaching Assistant)  
Advanced Supply Chain Management (Teaching Assistant)  
Seminar in Industrial Engineering (Teaching Assistant)  
Seminar in Industrial Engineering (Coordinator)

#### **MBA Courses:**

Operations Management (Teaching Assistant)  
Supply Chain Management (Teaching Assistant)  
Quantitative Methods (Teaching Assistant)

## **ACADEMIC AND PROFESSIONAL AWARDS AND GRANTS**

2010 – 2011: INSEAD post-doctoral fellowship  
2009: Best Paper Award in the 14th Israeli Industrial Engineering Research Meeting Conference (IIERM 2009).  
2008: Second Best Paper Award in the 15th Industrial Engineering and Management Conference (IE&M 2008).  
2006: Best Paper Award in the 14th Industrial Engineering and Management Conference (IE&M 2006).  
2005,2007: Technion Teaching Assistantship Excellence Award.  
2002-2009: Technion Graduate Scholarship.

### **PROFESSIONAL ACTIVITIES**

- Coordinator of I.E. seminars of the Faculty of Industrial Engineering and Management, Technion, 2007.
- Coordinator of projects in I.E. at the Faculty of Industrial Engineering and Management, Technion, 2002-2005.
- Ad-hoc reviewer of papers for publication in: Mathematics of Operations Research, Naval Research Logistics, EJOR, OMEGA, MSO&M conference.

### **LIST OF PUBLICATIONS**

#### **Refereed Papers**

1. I. Bendavid and B. Golany, "Predetermined intervals for start times of activities in the stochastic project scheduling problem", *Annals of Operations Research*, Vol. 186, Issue 1, 429-442, 2011.
2. I. Bendavid and B. Golany, "Setting gates for activities in the stochastic project scheduling problem through the cross entropy methodology", *Annals of Operations Research*, Vol.172, Issue 1, 259–276, 2009.
3. I. Bendavid and Y.T. Herer, "Economic optimization of off-line inspection in a process that produces also non-conforming units when in-control and also conforming units when out-of-control", *European Journal of Operational Research*, Vol. 195, Issue 1, 139-155, 2009.

#### **In preparation**

1. I. Bendavid, Y.T. Herer and E. Yücesan, "Inventory Management under Working Capital Constraints".
2. I. Bendavid and B. Golany, "A folding horizon approach for setting gates of activities in the stochastic project scheduling problem.

#### **Proceedings of International Conferences**

1. I. Bendavid and B. Golany, "A folding horizon approach for setting gates of activities in the stochastic project scheduling problem", *The Manufacturing and Service Operations Management Conference (MSOM)*, Haifa, Israel, 2010.
2. I. Bendavid and B. Golany, "Setting gates for activities in the stochastic project scheduling problem through the Cross Entropy method for continuous optimization", *The Eleventh International Workshop on Project Management and Scheduling (PMS 2008)*, Istanbul, Turkey, 2008.

### **Proceedings of National Conferences**

1. I. Bendavid, Y. T. Herer and E.Yücesan, "Inventory Management under Working Capital Constraints", *The 17th Industrial Engineering and Management Conference (IE&M)*, Tel-Aviv, Israel, 2012.
2. I. Bendavid and B. Golany, "A folding horizon approach for setting gates of activities in the stochastic project scheduling problem", *The Operations Research Society of Israel (ORSIS)*, Nir Etsion, Israel, 2010.
3. I. Bendavid and B. Golany, "A folding horizon approach for setting gates of activities in the stochastic project scheduling problem", *The 16th Industrial Engineering and Management Conference (IE&M)*, Tel-Aviv, Israel, 2010.
4. I. Bendavid and B. Golany, "Predetermined intervals for start times of activities in the stochastic project scheduling problem", *The 4th Israeli Industrial Engineering Research Meeting (IIERM)*, Maalot, Israel, 2009.
5. I. Bendavid and B. Golany, "Predetermined intervals for start times of activities in the stochastic project scheduling problem", *The Operations Research Society of Israel (ORSIS)*, Herzliya, Israel, 2009.
6. I. Bendavid and B. Golany, "Setting gates for activities in the stochastic project scheduling problem through the Cross Entropy method for continuous optimization", *The 15th Industrial Engineering and Management Conference (IE&M)*, Tel-Aviv, Israel, 2008.
7. I. Bendavid and B. Golany, "Setting gates for activities in the stochastic project scheduling problem through the Cross Entropy method for continuous optimization", *The Operations Research Society of Israel (ORSIS)*, Shefayim, Israel, 2008.
8. I. Bendavid and B. Golany, "Setting gates for activities in the stochastic project scheduling problem through the Cross Entropy methodology", *The 3rd Israeli Industrial Engineering Research Meeting (IIERM)*, Tel-Aviv, Israel, 2007.
9. I. Bendavid and Y.T. Herer, "Computational Study of Off-line Inspection in a Process that produces also Non-conforming Units when In-control and also Conforming Units when Out-of-control", *The 14th Industrial Engineering and Management Conference (IE&M)*, Tel-Aviv, Israel, 2006.
10. I. Bendavid and Y.T. Herer, "Computational Study of Off-line Inspection in a Process that produces also Non-conforming Units when In-control and also Conforming Units when Out-of-control", *The Operations Research Society of Israel (ORSIS)*, Naharya, Israel, 2006.
11. I. Bendavid and Y.T. Herer, "Economic Optimization of Off-line Inspection in a Process that produces also Non-conforming Units when In-control and also

Conforming Units when Out-of-control”, *The 13th Industrial Engineering and Management Conference (IE&M)*, Tel-Aviv, Israel, 2004.

### **Other Publications**

#### **Professional Reports:**

1. Bendavid, I. Setting release gates for activities in projects with stochastic activity durations. Ph.D. Dissertation. Advisor: Professor Boaz Golany, The Technion – Israel Institute of Technology, Haifa, Israel, May, 2010.
2. Bendavid, I. Economic optimization of off-line inspection in a process that produces also non-conforming units when in-control and also conforming units when out-of-control. M.Sc. Thesis. Advisor: Professor Yale T. Herer, The Technion – Israel Institute of Technology, Haifa, Israel, July, 2004.