

## Seda Bař Güre

---

### CONTACT INFORMATION

Iřık University,  
Meřrutiyet Mahallesi, řile,  
Istanbul, Turkey

*Tel:* +90 216 528 71 52  
*E-mail:* seda.bas@isikun.edu.tr

### RESEARCH INTERESTS

Optimization and Operations Research (e.g., blood donation system); Scheduling; Stochastic Programming; Risk Modeling

### EDUCATION

**Yeditepe University**, Istanbul - Turkey

Ph.D., Systems Engineering,

**09/2018**

- Joint Work: Institute of Applied Mathematics and Information Technology of the Italian National Research Council, Politecnico di Milano, Italian Association of Volunteers for Blood
- Thesis: “An appointment scheduling framework to balance the production of blood units from donation”
- Advisors: Semih Yalçındađ (Yeditepe University), Ettore Lanzarone (Institute of Applied Mathematics and Information Technology (IMATI), Milan, Italy)

**Yeditepe University**, Istanbul, Turkey

M.S., Business Administration,

**06/2011**

- Thesis: “Examining the relationship between mobbing, organizational trust and job satisfaction among academicians”
- Advisor: Ayře Begum Otken (Yeditepe University)

**Yeditepe University**, Istanbul, Turkey

B.S., Systems Engineering,

**06/2008**

- Thesis: “Six Sigma Application in Coca Cola Icecek A.S.'s Supply Chain”
- Advisor: Zeynep Ocak (Yeditepe University)

### ACADEMIC EXPERIENCE

**Iřık University**, Istanbul - Turkey

*Assist. Prof.*

**09/2018 - Current**

**Institute of Applied Mathematics and Information Technology (IMATI) of the National Research Council of Italy (CNR)**, Milan, Italy

*Visiting Ph.D. student*

**06/2015 - 07/2015**

**Institute of Applied Mathematics and Information Technology (IMATI) of the National Research Council of Italy (CNR)**, Milan, Italy

*Visiting Ph.D. student*

**01/2015 - 02/2015**

**Yeditepe University**, Istanbul - Turkey

*Teaching and Research Assistant*

**09/2008 - 08/2018**

### PUBLICATIONS- JOURNAL

Bas, S., Carello, G., Lanzarone, E., Yalçındađ, S., 2018. An Appointment Scheduling Framework to Balance the Production of Blood Bags from Donation, *European Journal of Operational Research*, 265 (3): 1124-1143.

Bas, S., Carello, G., Lanzarone, E., Yalcindag, S., 2018. Unaddressed Problems and Research Perspectives in Scheduling Blood Collection from Donors, *Production Planning & Control*, 29 (1), 84-90.

PUBLICATIONS-  
CONFERENCE

Bas, S., Carello, G., Lanzarone, E., Ocak, Z., Yalcindag, S., 2016. Management of Blood Donation System: Literature Review and Research Perspectives, in *Springer Proceedings in Mathematics and Statistics, Health Care Systems Engineering for Scientists and Practitioners*, Eds. Matta A., Sahin E., Li J., Guinet A., and Vandaele N. J., Volume 169, pp.121-132 (Refereed).

PUBLICATIONS-  
TECHNICAL  
REPORTS

Bas, S., Carello, G., Lanzarone, E., Yalcindag, S., 2016. An appointment scheduling framework to balance the production of blood bags from donation. Technical report, IMATI-CNR; 16-06. Followed by S. Bas et al., *European Journal of Operational Research* 2017, DOI 10.1016/j.ejor.2017.08.054.

PROJECTS

Management of the Blood Collection System  
*Associazione Volontari Italiani Sangue (AVIS), 09/2014- Current*  
Joint work with E. Lanzarone (National Research Center of Italy), and G. Carello (Politecnico di Milano)

Eating habits of older-aged people living in a poor-house (Darülaceze) in Turkey  
A project supported by *Metropolitan Municipality of Istanbul, 2006- 2007*  
Joint work with Yeditepe University and Metropolitan Municipality of Istanbul

UNIVERSITY  
SERVICE

Erasmus Coordinator for IE (Işık University) program, 09/2018 - Current.

Internship Coordinator for ISE (Yeditepe University) program, 09/2008 - 08/2018.

Responsible for detailed web site of ISE (Yeditepe University) program, 03/2015 - 08/2018.

CONFERENCE  
PRESENTATIONS,  
INVITED TALKS

*An Appointment Scheduling Framework to Balance the Production of Blood Units from Donation.*  
Joint work with G. Carello, E. Lanzarone, S. Yalcindag.

- **(Invited talk)** Mechanical Engineering Department Seminar, Politecnico di Milano, March 2017, Milano (presented by S. Yalcindag).
- Operations Research and Industrial Engineering Colloquium for PhD Students, Bogazici University, April, 2016, Istanbul.
- 46th Annual Conference of the Italian Operational Research Society Optimization for Energy, Emerging Advances in Logistics Systems, AIRO, September 2016, Trieste (presented by E. Lanzarone).
- **(Invited talk)** Institute of Applied Mathematics and Information Technology (IMATI) of the National Research Council of Italy (CNR), June 2015, Milano.
- 35th National Congress of Industrial Engineering Operations Research, YA/EM, September 2015, Ankara.
- 45th Annual Conference of the Italian Operational Research Society Optimization for Energy, Environment and Sustainability, AIRO, September 2015, Pisa (presented by E. Lanzarone).
- 41th Annual meeting of the EURO working group OR Applied to Health Services, ORAHS, July 2015, Montreal.

*Management of Blood Donation System: Literature Review and Research Perspectives.* Joint work with G. Carello, E. Lanzarone, Z. Ocak and S. Yalcindag.

- 2nd International Conference on Health Care Systems Engineering, May 2015, Lyon.

COMPUTER SKILLS

- Applications: L<sup>A</sup>T<sub>E</sub>X, Microsoft Office (Word, Excel, Power Point)
- Optimization: ILOG-OplStudio, Gams

- Statistical Computing: SPSS, Minitab
- Operating Systems: Windows(XP/Vista/7/8).