

Orkun Irsoy

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Education	Bogazici University, Istanbul - Turkey 2019 –2022 (Expected) <i>Industrial Engineering, MS, GPA: 3.857 / 4.00</i> Bogazici University, Istanbul - Turkey 2013 – 2019 <i>Industrial Engineering, BS, GPA: 3.43 / 4.00</i> Halil Kale Science High School, Manisa -Turkey 2009 – 2013 <i>GPA: 93.74 / 100</i>
Academic Experiences	Teaching Assistant February 2020 – Present <i>Bogazici University, Industrial Engineering Department</i> Preparing & grading assignments, quizzes, administering problem solving sessions. Courses: <ul style="list-style-type: none">- IE 201: Intermediate (Object Oriented) Programming- IE 203: Operations Research II- IE 350: Systems Science & Engineering- IE 423: Quality Engineering- IE 587: Optimal Control Theory- IE 588: Agent Based Modeling & Simulation Graduate Research Assistant February 2020 – Present <i>Bogazici University, Industrial Engineering Department, Socio-Economic System Dynamics (SESDYN) Lab</i> Supervisors: Prof. Yaman Barlas, Assoc. Prof. Gönenç Yücel Research Fellow October 2020 – Present <i>Koç University, Graduate School of Business, Karanfil Lab</i> Supervisors: Asst. Prof. Özge Karanfil, Asst. Prof. Mahdi Hashemian
Publications & Presentations	Journal Article March 2021 <i>“Dynamic trade-offs in granulocyte colony-stimulating factor (G-CSF) administration during chemotherapy” System Dynamics Review 36 (4), 397-446</i> Orkun Irsoy , Şanser Güz, Naz Beril Akan, Gönenç Yücel <i>Presented in System Dynamics Society Seminar Series: Biomedical System Dynamics Modeling</i> Conference Paper September 2021 <i>“What is the Stakeholder Effect on Clinical Guideline Formation Process: An Experimental Study” 39th International Conference of the System Dynamics Society</i> Özge Karanfil, Şanser Güz, Orkun Irsoy , Mahdi Hashemian <i>Presented in Parallel Session: Clinical Care Improvement</i> Conference Paper July 2021 <i>“Stakeholder Effect in The Formation Of Policy/Practice Guidelines: An Experimental Study For Medical Screening” 40th Congress on OR / Industrial Engineering</i> Özge Karanfil, Şanser Güz, Orkun Irsoy , Mahdi Hashemian <i>Presented in Parallel Session: System Dynamics Applications in Healthcare</i>

Conference Paper**| September 2020**

"Managing Chemotherapy-Induced Neutropenia using Exogenous Granulocyte Colony-Stimulating Factor" | 38th International Conference of the System Dynamics Society

Şanser Güz, **Orkun Irsoy**, Naz Beril Akan, Gönenç Yücel

Awarded with Lupina Young Researchers Award - Honorable Mention

Presented in Plenary Session: Scientific Advances

Work**Junior Business Analyst****| April 2018 – Oct 2019****Experiences**

Technolera Venture Builder, Istanbul-Turkey

-Market and Market Strategy Research

-Technology & Trend Analysis

-Organization Team of Ventourage Diversity Program

Production Planning Intern**| Jan 2018 – Feb 2018**

TEPAS Electric Motors, Izmir-Turkey

-Helping to develop weekly plans

-Using "Netsis" software to track procurement, work orders, and production plans

Skills

(See orkunirsoy.github.io for details)

Programming Languages: C, R, C++, GAMS, Python

Simulation Software: Stella, Vensim, Netlogo, Arena

Language: Turkish (Native), English (Fluent), German (Beginner)

**Awards,
Achievements
& Scholarships**

Lupina Young Researchers Award – Honorable Mention at International System Dynamics Conference 2020

"National Scholarship Programme for Msc Students" from TUBITAK, 2020

Ranked 81th in National University Admission Exam in 2013 (Mathematics-Science)

Outstanding Success Scholarship by Prime Ministry of the Republic of Turkey

**Extracurricular
Activities**

Bogazici University Drama Club (BÜO)

Player

| 2013-2016

Managerial Board Member and Vice President

| 2014-2016

Bogazici University Dance Club (BUDANS)

| 2017

Tennis

| 2020-

References

Yaman Barlas, Ph.D. Professor, Boğaziçi University

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Gönenç Yücel, Ph.D. Associate Professor, Boğaziçi University

email: gonenc.yucel@boun.edu.tr , phone: +90 212 359 45 75

Özge Karanfil, Ph.D. Assistant Professor, Koç University

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