


IŞIK UNIVERSITY
Mechanical Engineering Department

Personnel Data Form

A. PERSONAL		
Title	Assist. Prof. Dr.	
Name	Kerem Altun	
Birth Place and Year	Ankara 1977	
e-Mail / Personal Web Site		
Working Field	Robotics, sensing, mechatronics	
Foreign Language	English, Spanish	

B. EDUCATION			
Degree	Year	Subject	Institution
Doctorate	2011	Electrical and Electronics Engineering	Bilkent University
Master of Science	2002	Mechanical Engineering	Middle East Technical University
Bachelor of Science	1999	Mechanical Engineering	Middle East Technical University

C. ACADEMIC		
Title	Year	Institution
Professor	-	
Associate Professor	-	
Assistant Professor	2022 - present	Işık University
Assistant Professor	2020 - 2022	Izmir Institute of Technology
Assistant Professor	2016 – 2020	Işık University
Assistant Professor	2012 - 2016	Istanbul Kemerburgaz University
Lecturer	-	
Research Assistant	2005 - 2011	Bilkent University
Research Assistant	2000 - 2005	Middle East Technical University

D. PROFESSIONAL EXPERIENCE	
a. Domestic	
2022 - present	Faculty, Işık University, Mechanical Engineering Department
2020 – 2022	Faculty, Izmir Institute of Technology, Mechanical Engineering Department
2016 – 2020	Faculty, Işık University, Mechanical Engineering Department
2012 - 2016	Faculty, Istanbul Kemerburgaz University, Mechanical Engineering Dept.
2005 - 2011	Research Assistant, Bilkent University, Electrical and Electronics Eng. Dept.
2000 - 2005	Research Assistant, Middle East Technical University, Mechanical Eng. Dept.
b. Abroad	
2011 - 2012	Postdoctoral fellow, The University of British Columbia, Vancouver, BC, Canada

E. ADMINISTRATIVE EXPERIENCE	
a. In the University	

b. In other Institutions	

F. INTERESTED SUBJECTS
Wearable sensors and systems
Human and robot perception
Signal processing
Machine learning, pattern recognition
Cognitive science and robotics

G. INSTRUCTED COURSES	
a. At Işık University	b. At the Other Institutions
Theory of Machines	System Dynamics
Dynamics	Control System Design
Automotive Mechatronics	Applied Mathematics for Engineers
Modern Control Theory	Introduction to Artificial Intelligence
Computational Methods in Engineering	Modern Control
	Numerical Methods
	Introduction to Mechanical Engineering
	Artificial Neural Networks
	Signals and Systems

H. NUMBER OF SUPERVISED GRADUATE THESIS	
Master of Science	4
Doctorate	

I. PUBLICATIONS						
Type	SCI International Journal Papers	Other International Journal Papers	National Referred Journal Papers	International Symposium Papers	National Symposium Papers	Books / Chapters in Books (Translations Incl.)
Numbers	5			7	4	2
SCI Total Number of Citations	262					
Important Publications						
S. H. Argüz, Ş. Ertuğrul, K. Altun , "Experimental evaluation of the success of peg in hole tasks learned from demonstration," 8th International Conference on Control, Decision and Information Technologies, 17-20 May 2022, Istanbul, Turkey.						
T. Ballı Altuğlu, K. Altun , "Recognizing touch gestures for human-robot interaction," Proceedings of 17th International Conference on Multimodal Interaction, 9-13 November 2015, Seattle, WA, USA.						
K. Altun , K. E. MacLean, "Recognizing affect in human touch of a robot," Pattern Recognition Letters, 66(1), pp. 31-40, November 2015.						
K. Altun , B. Barshan, "Pedestrian dead reckoning employing simultaneous activity recognition cues," Measurement Science and Technology, 23(2), 025103, February 2012.						
K. Altun , B. Barshan, O. Tunçel, "Comparative study on classifying human activities with miniature inertial and magnetic sensors," Pattern Recognition, 43(10), pp. 3605-3620, October 2010.						

J. RESEARCH EXPERIENCE						
Number of Projects	DPT Projects	TÜBİTAK Projects	SANTEZ Projects	BAP Projects	EU Projects	Other Projects
As Supervisor				2		
As Researcher						

K. REFERREING								
	SCI Journals	Other Journals		Symposiums		R & D Projects		
		National	International	National	International	ARDEB	TEYDEB	International
Numbers								

L. INTELLECTUAL PROPERTIES			
Patents	Utility Models	Industrial Designs	Other

M. PROFFESIONAL ASSOCIATION MEMBERSHIPS
Institute of Electrical and Electronics Engineers (IEEE)
European Association for Cognitive Systems (EUCog)
TMMOB Makina Mühendisleri Odası