IŞIK UNIVERSITY
Mechanical Engineering Department

Personnel Data Form

A. PERSONAL		
Title	Assist. Prof. Dr.	
Name	Onur KESKIN	
Birth Place and Year	İstanbul, 1977	
e-Mail / Personal Web Site	onur.keskin@isikun.edu.tr	
Working Field	Mechanical and Mechatronics Engineering	
Foreign Language	English, French	

B. EDUCATION			
Degree	**Year**	**Subject**	**Institution**
Doctorate	2008	Mechanical Engineering	University of Victoria (Canada)
Master of Science	2003	Mechanical Engineering	University of Victoria (Canada)
Bachelor of Science	2000	Mechanical Engineering	Yıldız Technical University
Associate	-	-	-

C. ACADEMIC		
Title	**Year**	**Institution**
Professor	-	-
Associate Professor	-	-
Assistant Professor	2012	Işık University
Lecturer	2003	University of Victoria
Research Assistant	2000	University of Victoria

D. PROFESSIONAL EXPERIENCE	
a. Domestic	
2012 –	Işık University, Mechanical Engineering Department, Faculty Member
2008-2012	TUBITAK, National Electronics and Cryptology Research Center (UEKAE), Research Scientist
-	-
-	-
b. Abroad	
2003-2008	University of Victoria, Mechanical Engineering Dept., Lecturer
2003-2008	Herzberg Institute of Astrophysics, Senior Researcher (Part Time)
2000-2008	University of Victoria, Mechanical Engineering Dept., Teaching Assistant

E. ADMINISTRATIVE EXPERIENCE	
a. In the University	
-	-
-	-
-	-

b. In other Institutions	
2011 -	East Anatolia Observatory Project (DPT - 2011K120230), Project Manager
2011 -	East Anatolia Observatory Project (DPT - 2011K120230), Head Tech. Manager
2011 -	East Anatolia Observatory Project (DPT - 2011K120230), Advisor

F. INTERESTED SUBJECTS
Adaptive optics systems
Astronomical telescopes and Instrumentation
Deformable mirror technology
Opto-mechatronics
Control system design and analysis
Micro-optics
Signal/image processing
Micro-machining
MEMS devices

G. INSTRUCTED COURSES	
a. At Işık University	**b. At the Other Institutions**
ME201 Computational Methods in Engineering	-
ME242 Dynamics	-
ME345 Mechanics of Materials	-
ME482 Industrial Automation	-
MCE241 Engineering Mechanics I	-
MCE242 Engineering Mechanics II	-

H. NUMBER OF SUPERVISED GRADUATE THESIS	
Master of Science	-
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	14	6	2	2	2	-

SCI Total Number of Citations	143

Important Publications

O. Keskin, C. Yesilyaprak, S.K.Yerli, L. Zago, L. Jolissaint, *"Turkey's next big science project: "DAG the4-m telescope,"* Astronomical Telescopes and Instrumentation, 9145-210, (2014)

O. Keskin, "*Numerical Evaluation of an Off-axis Point Spread Function Reconstruction from the Woofer/Tweeter Adaptive Optics System*," IEEE, 978-1-4244-4210-2/09, (2009).

O. Keskin, R. Conan, C. Bradley, "*Off-axis Point Spread Function Reconstruction from a dual Deformable Mirror Adaptive Optics System*," SPIE Astronomical Telescopes and Instrumentation, doi:10.1117/12.790026, (2008).

O. Keskin, R. Conan, P. Hampton, C. Bradley, "*Derivation and Experimental Evaluation of a Point Spread Function from a Dual Deformable Mirror Adaptive Optics System*," Optical Engineering, Vol.47, No. 4, p. 046601, 2008.

P. J. Hampton, R. Conan, **O. Keskin**, C. Bradley, P. Agathoklis, "*Self-characterization of linear and*

nonlinear adaptive optics systems," Applied Optics, Vol. 47, Issue 2, pp. 126-134, 2007.
R. Conan, C. Bradley, P. Hampton, **O. Keskin**, A. Hilton, and C. Blain, "*Distributed Modal Command for a Two Deformable Mirror Adaptive Optics System*," Applied Optics, Vol. 46, Issue 20, pp. 4329-4340, 2007.
O. Keskin, L. Jolissaint, C. Bradley, "*A Hot Air Turbulence Generator for Adaptive Optics: Applications, Principles, and SLODAR Characterization,*" Applied Optics, Vol.45, issue 20, pp. 4888-4897, 2006.
O. Keskin, P. Hampton, R. Conan, C. Bradley, A. Hilton, C. Blain, "*Woofer Tweeter Adaptive Optics System,*" ", Photons, Vol. 4, CIPI (Canadian Institute for Photonic Innovations), pp. 34-37, 2006.
O. Keskin, , P. Hampton, R. Conan, C. Bradley, A. Hilton, C. Blain, "*Woofer Tweeter Adaptive Optics Test Bench,*" IEEE/ proceedings of First NASA/ESA Conference on Adaptive Hardware and Systems , pp. 74-80, 2006.
O. Keskin, L. Jolissaint, C. Bradley, S. Dost, I. Sharf, "*Hot Air Turbulence Generator for Multi-Conjugate Adaptive Optics*", Proceedings of SPIE, Advanced Wavefront Control: Methods, Devices, and Applications, Vol. 5162, pp. 49-57, 2003. (Invited Paper)

J. RESEARCH EXPERIENCE

Number of Projects	DPT Projects	TÜBİTAK Projects	SANTEZ Projects	BAP Projects	EU Projects	Other Projects
As Supervisor	-	-	-	-	-	-
As Researcher	1	1	-	1	-	9

K. REFERREING

	SCI Journals	Other Journals		Symposiums		R & D Projects		
		National	International	National	International	ARDEB	TEYDEB	International
Numbers	-	-	-	-	-	1	-	-

L. INTELLECTUAL PROPERTIES

Patents	Utility Models	Industrial Designs	Other
-	-	-	-

M. PROFFESIONAL ASSOCIATION MEMBERSHIPS

The Optical Society of America (OSA)
Society of Photo-Optical Instrumentation Engineers (SPIE)
L.A.C.I.R Laboratory for Automation Communications and Information Systems Research, University of Victoria, Canada