

Doç. Dr. AYKUT KOÇ

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Bilkent University, Bilkent, Ankara, Turkey

Education

- 2007 – 2011 : **Doctor of Philosophy (Ph.D.)** in Electrical Engineering, Stanford University, USA
Cum. GPA: 3.86
Graduation: March 2011
- 2007 - 2009 : **Master of Science (M.S.)** in Management Science & Engineering, Stanford University, USA
Graduation GPA: 3.94
- 2005 - 2007 : **Master of Science (M.S.)** in Electrical Engineering, Stanford University, USA
Graduation GPA: 3.91
- 2013 - 2018 : **Bachelor of Laws (LL.B.)** in Law, Faculty of Law, Ankara University, Turkey
- 2001 - 2005 : **Bachelor of Science (B.S.)** in Electrical and Electronics Engineering, Bilkent University, Turkey
Graduation GPA: 3.94

Doctoral Thesis Title: “Fast Algorithms for the Digital Computation of Linear Canonical Transforms,” March 2011, Stanford, CA, USA.

Work Experience

- June 2020 – present
 - Associate Professor from the Interuniversity Council of Turkey
- August 2019 – present
 - Research Assistant Professor, Electrical and Electronics Eng. Dept. and UMRAM, Bilkent University
- March 2015 – July 2019
 - Manager, Research Program Dept., ASELSAN Research Center, ASELSAN
- October 2014 – February 2015
 - Project Manager, ASELSAN Research Center, ASELSAN
- June 2011 – September 2014
 - Expert Engineer, Senior Expert Engineer, Project Technical Manager, Defense Systems Tech. Div., ASELSAN
- Research Assistant (RA) and Teaching Assistant (TA) in Stanford University Electrical Engineering Dept. (5 years)

Teaching Experience

- Instructor – EEE 486/586, Statistical Foundations of Natural Language Processing, Bilkent University, EE Dept.
- Instructor – EEE 351, Engineering Electromagnetics, Bilkent University, EE Dept.
- Instructor (2 Semesters) – EE 635 Fourier Optics, Middle East Technical University (METU), EE Dept.
- Teaching Assistant – Fourier Optics, Stanford University EE Department
 - An extended TAship. Responsibilities include **preparing and grading the exams**, quizzes, holding office hours and recitation. Overall letter-grades are predetermined and presented to the professor for approval.
- Teaching Assistant – Economic Analysis, Stanford University Management Science & Engineering Department
- Teaching Assistant – Business Strategy and Public Policy Decision Making, Stanford University MS&E Department

Services

- Scientific Reviewer in several prominent international journals:
IEEE Transactions on Signal Processing, IEEE Signal Processing Letters, IEEE Transactions on Circuits and Systems II: Express Briefs, Optics Letters, Optics Express, Applied Optics, Signal Processing – Elsevier, Digital Signal Processing, JOSA A, IET Signal Processing, International Journal of Electronics, Signal, Image and Video Processing, IEEE Access, Iranian Journal of Science and Technology – Transactions of Electrical Engineering, Computers and Electronics in Agriculture – Elsevier.
- Scientific Reviewer to a book proposal for global publishing company **John Wiley & Sons, Inc.**
- Officer on the Board of Stanford Turkish Student Association

Honors & Awards

- Senior Member of IEEE, 2020.
- Stanford University Electrical Engineering Fellowship for graduate study, 2005 - 2006.
- Republic of Turkey, Ministry of Education Scholarship for undergraduate and graduate studies overseas, 2000.
- Full scholarship from Bilkent University Board of Trustees for undergraduate study, 2000 - 2005.
- Ranked 22nd in the Nationwide University Entrance Exam among 1,500,000 students, 2000.