

# türker dolapçı

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in turkerdolapci

🌐 qsl.net/ta2otd

## education

- 2017 - **MASTER OF SCIENCE** *Department of Electrical and Electronics Engineering*  
Middle East Technical University, Ankara (Turkey)  
Specialization: EM  
Advisor: Assoc. Prof. Dr. Özgür Ergül  
Thesis Title: Design, Simulation, and Fabrication of CubeSat Antenna Systems  
Expected Graduation: September, 2020
- 2011 - 2017 **BACHELOR OF SCIENCE** *Department of Electrical and Electronics Engineering*  
Middle East Technical University, Ankara (Turkey)  
Specialization: Microwaves and Antennas
- 2014 - 2017 **MINOR DEGREE** *Department of Philosophy*  
Middle East Technical University, Ankara (Turkey)  
Specialization: Logic and Philosophy of Science
- 2015 **ERASMUS+ STUDENT MOBILITY PROGRAM**  
Tampere University of Technology, Tampere (Finland)  
Have taken courses about antennas, transmission lines and RF engineering.

## work experience

- 09.2019 **ENGINEER** *Roketsan Missiles Inc., Ankara (Turkey)*  
Department of Advanced Technologies - Avionics Team  
Modelling radar concepts on GNU Octave.
- 07.2017 - 07.2019 **SYSTEMS ENGINEER** *SDT Space and Defence Technologies, Ankara (Turkey)*  
Department of EW & Communications Systems  
Specialized in DF projects.
  - Research, system design and simulation,
  - Component selection by analyzing the customer requirements and contacting suppliers,
  - Proof of concept and prototyping,
  - Field integration,
  - Test.References are available on request.
- 07.2015 **SUMMER INTERN** *ASELSAN, Ankara (Turkey)*  
1 month long compulsory internship.  
Designing an analog discrete power amplifier for a SONAR system.
- 08.2014 **SUMMER INTERN** *SDT Space and Defence Technologies, Ankara (Turkey)*  
1 month long compulsory internship.  
Production of electronic systems of ATAK T129 Helicopters, FNSS PARS Armored Combat Vehicles and some other military products. Mounting the PCB's, soldering, wiring, insulation.

## cemmetu research

Member of METU Computational Electromagnetics Group (CEMMETU), since 2015.

- Antennas with unconventional materials and fabrication methods; mainly textile antennas and inkjet-printed paper antennas.
- Cooperation with radio amateurs on their way to send their CubeSat to space. Their experiences are blended with modern modelling, simulation environment and antenna theory.

## conference papers

- T. Dolapçı, F. Mutlu, and Ö. Ergül, “Design, simulation, and fabrication of broadband inkjet-printed log-periodic antennas,” in Proc. Fourth International EMC Conference, 2017.
- T. Dolapçı, M. S. Baloğlu, and Ö. Ergül, “Design and fabrication of antennas with alternative materials for radio-frequency applications,” in Turkish, 9th Congress of Defense Technologies, 2018, pp. 653–659.
- T. Dolapçı, M. S. Baloğlu, F. Mutlu, and Ö. Ergül, “Novel wearable radio-frequency antennas based on woven conductive fabrics,” in Proc. Mediterranean Microwave Symp. (MMS) , 2018.

## honors

2018 - 2020 2210A-National Scholarship Programme for MSc Students (by TÜBİTAK)

2017 Best Project in Senior Project Fair (by IEEE METU Student Chapter)

## software skills

MATLAB, ANSYS HFSS, NI AWR, 4Nec2, Radio Mobile.

## languages

Turkish (mother tongue), English (fluent).

## organizational & managerial skills

- Local Committee Member of award winning IEEE AP/MTT/EMC/ED Turkey Joint Chapter, who organizes seminars every Friday.
- Former Board Member of Middle East Technical University Orienteering Team.
- Worked voluntarily in the orientation week of international students in campus by cooperating with METU President's Office, organized adventure races in university.
- ESN METU host student.

## voluntary experience

- 07.2016 **LOCAL ORGANIZATION COMMITTEE MEMBER**  
URSI Turkey 2016 National Scientific Symposium, METU, Ankara, Turkey  
Registering the participants, helping them in the sessions.
- 02.2016 **TRANSLATOR**  
2016 European Champion Clubs Cup Cross Country, Kastamonu, Turkey  
Guided foreign teams on technical and non-technical issues during the event.
- 09.2014 **TICKET ORGANIZATION**  
2014 FIBA World Championship for Women, Ankara, Turkey  
Seat planning of the national and international VIP guests.

## hobbies

- Listens Turkish Anatolian Rock music.
- Supports Gençlerbirliği in home games, which is the best soccer team of Ankara.
- Radio amateur (TA2OTD) at TAMSAT (Turkish Amateur Satellite Technologies Organization).