

# türker dolapçı

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in turkerdolapci

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## education

- 2017 - **MASTER OF SCIENCE** *Department of Electrical and Electronics Engineering*  
Middle East Technical University, Ankara (Turkey)  
Specialization: EMT  
Advisor: Assoc. Prof. Dr. Özgür Ergül
- 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

- 07.2017- **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. Mostly mounting the PCB's, soldering, wiring, insulation and also basic software tests.

## cemmetu research

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

- Researching antennas with unconventional materials and fabrication methods; mainly textile antennas and paper antennas.
- Cooperating 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, Siemens NX CAD, ANSYS HFSS, 4Nec2, Radio Mobile.

## languages

Turkish (mother tongue), English (fluent).

## organizational & managerial skills

- Local Committee Member of 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 Türkiye 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.
- A radio amateur (TA2OTD) at TAMSAT (Turkish Amateur Satellite Technologies Organization), attending weekly meetings.