

CİHAN GÖKSU

Technical University of Denmark, Department of Electrical Engineering
Room 134, DTU Building 349 Lyngby Campus, Copenhagen/DENMARK
+45 20 67 90 22 , cihang@drcmr.dk



EDUCATION

Bachelor's Degree:

Middle East Technical University (METU)

Department: Electrical and Electronics Engineering

Specialization area: Biomedical Engineering, MRI

CGPA: 3.27 / 4.00

Graduation Date: 03/07/2011

Master's Degree:

Middle East Technical University (METU)

Department: Electrical and Electronics Engineering

Specialization area: Biomedical Engineering, MRI

Thesis Topic: Programmable current source design for MRCDI and MREIT, and performing MRCDI experiments in 3T.

CGPA: 3.86 / 4.00

Graduation Date: 7/02/2014

PhD Degree:

Technical University of Denmark (DTU)

Department: Electrical Engineering

Specialization area: Biomedical Engineering, MRI

Project Topic: The sensitivity analysis of MREIT by using different MRI pulse sequences and in-vivo practical demonstration of the methodology in animal brain.

CGPA: -

Graduation Date: 31/08/2017

WORK EXPERIENCE

Internship:

➤ **SELEX KOMUNİKASYON A.Ş., Ankara, TURKEY**

Date: June 2009-July 2009

Department: Electronic Design

- **ASELSAN A.Ş., Ankara, TURKEY**
Date: Aug 2009-Sep 2009
Department: Defense System Technologies

Part-time Engineer:

- **ASELSAN A.Ş., Ankara, TURKEY**
Date: Oct 2010-July 2011
Department: Electronics Warfare Self Protection – System Engineering Department

System Engineer:

- **ASELSAN A.Ş., Ankara, TURKEY**
Date: July 2011-Sep 2011
Department: Electronics Warfare Self Protection – System Engineering Department

Teaching Assistant:

- **METU, Ankara, TURKEY**
Date: Sep 2011- Aug 2014
Department: Electrical and Electronics Engineering, MRI Laboratory

PhD Student:

- **DTU, Copenhagen, DENMARK**
Date: Sep 2014 - ...
Department:
1-) Technical University of Denmark, Electrical Engineering Department, Biomedical Engineering Group, MRI
2-) Danish Research Center for Magnetic Resonance (DRCMR), Hvidovre Hospital
3-) Max Planck Institute Biological Cybernetics, Tübingen, Germany

PROFESSIONAL SKILLS

- **Programming in C**
- **Matlab, Simulink**
- **Comsol**
- **Embedded Systems**
- **HP-VEE, Protheus, ARES, Electronics Workbench, Cadkey etc.**

PUBLICATIONS

- [1] C. Göksu, B. M. Eyüboğlu, and H. H. Eroğlu, "A Programmable Current Source for MRCDI & MREIT Applications," in *XIII Mediterranean Conference on Medical and Biological Engineering and Computing 2013 IFMBE Proceedings*, 2014, pp. 198–201.
- [2] H. H. Eroğlu, B. M. Eyüboğlu, and C. Göksu, "Design and implementation of a bipolar current source for MREIT applications," in *XIII Mediterranean Conference on Medical and Biological Engineering and Computing 2013 IFMBE Proceedings*, 2014, no. 2, pp. 161–164.
- [3] C. Göksu, M. Sadighi, and B. M. Eyüboğlu, "Minimum Measurable Current Density with MRCDI at 3 Tesla," in *International Symposium on Biomedical Imaging 2014..*
- [4] C. Göksu, M. Sadighi, H. H. Eroğlu, and B. M. Eyüboğlu, "Realization of Magnetic Resonance Current Density Imaging at 3 Tesla," in *36th Annual International Conference of the IEEE Engineering in Medicine and Biology Society*, 2014..
- [5] M. Sadighi, C. Göksu, and B. M. Eyüboğlu, "J-Based Magnetic Resonance Conductivity Tensor Imaging (MRCTI) at 3T," in *36th Annual International Conference of the IEEE Engineering in Medicine and Biology Society*, 2014.

ACHIEVEMENTS AND OTHER ACTIVITIES

➤ Bridge

- I participated in European 13th Schools Championship as a member of National Bridge Team of Turkey, in Lido di Jesolo, ITALY.
- 2nd Award in the Turkey-Juniors Championship
- 1st Award in the İnönü-pairs in juniors category
- 2nd Award in the İnönü-pairs in juniors category
- I participated in Antalya Bridge Championships Tournament (worldwide)

➤ Club Activities

- I was a member of METU Bridge Club for 6 years.
 - 1 year work in management council
 - 4 year work in governance council (as vice-president for a year)

LANGUAGES

- **Turkish (Mother Tongue)**
- **English (Advanced)**
- **German (Basic)**
- **Danish (Basic)**

REFERENCES

- **Assoc. Prof. Dr. Axel Thielscher**
- **Assoc. Prof. Dr. Lars Hanson**
- **Prof. Dr. Murat Eyübođlu**