

Jury Members: B. Özbek, B. Atakan, M. Altinkaya (G-1)

Teams code: c5ao7hy

16 June 13.30-16.00

Özgür Atasayan - Can Kayan	<i>Channel Estimation and Equalization in Software-Defined Radio</i>	B. Atakan
Hüseyin Kaan Türk		B. Atakan
Aydanur Kayalar	<i>RIS assisted Rate Splitting Multiple Access Schemes</i>	B.Özbek
Ahmed Burak Gültekin	<i>Resource Allocation for Cell-free Massive MIMO</i>	B.Özbek

Jury Members: Z. Ünlü, B. Karaçalı, Ş. Gümüştekin, A. Savacı (G-2)

Teams code: d4a2ivd

15 June 13.30-16.30, 16 June 13.30-15.30

Eren Hepgüler - Dilde Gültekin	<i>Voice signals over voice effects using MATLAB</i>	Z. Ünlü
Okan Kara - Ümmü Müberra Altıntaş	<i>Speech Scrambling and Encryption via MATLAB</i>	Z. Ünlü
Birol Demir	<i>Farmer assistant robot (Arduino Agribot project)</i>	Z. Ünlü
Batuhan Işıktaş		B.Karaçalı
Onur Bodurer	<i>A Robotic Auto Tuner for String Instruments</i>	Ş.Gümüştekin
Umut Can Altun	<i>Automatic Video Summarization of Soccer Games</i>	Ş.Gümüştekin
Cem Karagöz - Alaattin Çakırlar	<i>Gesture Recognition and Background Removal for Enhanced Presentations</i>	Ş.Gümüştekin
Halil İbrahim Alkan	<i>A Snore Monitoring Device for Sleep Apnea Diagnosis</i>	Ş.Gümüştekin
Kaan Küçükoral	<i>Signal Separation in underwater acoustics using hydrophones</i>	F. A. Savacı

Jury Members: K. Aldođan, F. Yaman, A. Kuřtepelı, S. Dinleyıcı, E. Gzek (G-3)

Teams code: 7mf5qnx

15 June 09.00-12.30

Mehmet Ali zekı	<i>Implementation of PID control for hot plate applications</i>	K. Aldođan
Ekin Asil	<i>Implementation of novel tools for web page design</i>	K. Aldođan
Ferhat Bcek - Berkay Uđur	<i>Implementation of Industrial Analog Interface Circuits for Microcontrollers</i>	E. Gzek
Enes Tfeki - zgr Demir	<i>Realization of the Basic Concepts of Battery Management Systems for Electrically Vehicles</i>	E. Gzek
Mert lmez	<i>Analysis of Precise Positioning Algorithms, Comparison of TDOA and TWR</i>	E. Gzek
Beylem Yavuz - Ali Carus	<i>Implementation of Modbus Functions on AVR Microcontrollers</i>	E. Gzek

Jury Members:, A. Gümüş, C. Efeler, M.S. Apaydın(G-4)

Teams code: chjn9v1

16 June 09.00-12.30, 16 June 14.30-17.00

Asuman Demireriden	<i>Vision transformer-based architectures for image classification</i>	A. Gümüş
Doğa Deniz Ateş - Burak Aktaş	<i>Data augmentation using diffusion-based models for improved accuracy in image classification</i>	A. Gümüş
Gizem Sarsınlar - Okan Gökalp	<i>Developing conversational AI chatbot for mindfulness</i>	A. Gümüş
Hatice Obuz - Afra İldeş	<i>Information Extraction Using Natural Language Processing</i>	M.S. Apaydın
Gökçe Ceren Ekici	<i>Detecting Generated Text Using AI Techniques</i>	M.S. Apaydın
Kaan Erdoğan	<i>Understanding Turkish Language Models with Explainable Machine Learning</i>	M.S. Apaydın
Gülben Sarıca	<i>CV Parsing</i>	M.S. Apaydın
İsmail Altay - Hüseyin Okan Demir	<i>On Chain Gaming</i>	M. C. Efeler
Kerem Kızılsakal	<i>Implementation of Quine- Mc Cluskey Algorithm & Comparison of its Execution Times to Smart Exhaustive Search</i>	M. C. Efeler
Tufan Bora Karaköse - Doğukan Şahin	<i>Traffic Sign Recognition on a Remote-Controlled Car</i>	M. C. Efeler