

## **Session Program**

**Dec 13 – 14, 2025**



## **TAGRA 2025**

### ***Optimization Control and Decision Making***

Erzurum, Turkiye, Venue TBA  
Ataturk University Campus, Erzurum, Turkiye

## Sat, December 13

2:00 PM

### Optimization Control and Decision Making

Session | Location: Campus VSTS, D/1-10 - Hall 4 | Convener: Bilal Usanmaz

2:00 – 2:15 PM

#### A Comparative Study of Optimization-Based Control Strategies for a Two-Tank Liquid Level System

Speaker

Kaan Can

2:15 – 2:30 PM

#### Perceptions of Artificial Intelligence in Turkey: A Descriptive Analysis of TGSS Data

Speaker

Esra Çelik

2:30 – 2:45 PM

#### Data-Driven Quality Control in Iron and Steel Production: Evaluating the Impact of Carbon Content and Process Parameters Using Machine Learning

Speaker

Tuba IRMAK

2:45 – 3:00 PM

#### Analysis of the RL Circuit Using Physics-Informed Neural Network (PINN) Method

Speaker

Peruzet Aydın

3:00 PM

3:30 PM

### Optimization Control and Decision Making

Session | Location: Campus VSTS, D/1-2 - Hall 2 | Convener: Elif KILIÇ DELİCE

3:30 – 3:45 PM

#### Cauliflower Disease Classification Using Vision Transformer Architecture

Speaker

Rabiye kılıç

3:45 – 4:00 PM

#### Evaluation of Entrepreneurial Projects Using Multi-Criteria Decision-Making Methods: the Case of the KOSGEB Entrepreneurial Support Program

Speaker

Halil barış Gezmiş

4:00 – 4:15 PM

#### Microcontroller-Based Smart Monitoring Solutions for Critical Communication and Energy Infrastructures

Speaker

Tuba Çakıcı Can

4:15 – 4:30 PM

#### The Impact of Multi-Tagger Consistency on Semi-Supervised Natural Language Processing Models: A Bert-Based Tagging Approach

Speaker

Aleyna KARAOSMAN

4:30 PM