



## **COVER: (C)ombinatorial (O)ptimization for (V)ersatile Applications to (E)merging u(R)ban Problems**

### **WORKSHOP PROGRAM**

*April 7-8, 2025*

*Gebze Technical University, Kocaeli, Türkiye  
Congress & Cultural Center, Meeting Room 3 (Red Room)*

#### **April 7, 2025, Monday**

09:30 – 10:00 Meet & Greet (drinks & snacks)

10:00 – 10:10 Welcome & Opening by Hacı Ali Mantar, Rector

10:10 – 10:20 Opening Talk by Didem Gözüpek (COVER Coordinator)

10:20 – 10:50 Research Directions by Gebze Technical University (Türkiye)  
*by Sibel Özkan and Hadi Alizadeh*

10:50 – 11:20 Research Directions by Boğaziçi University (Türkiye)  
*by Tınaz Ekim and Taner Bilgiç*

#### **11:20 – 11:35 Coffee Break**

11:35 – 12:05 Research Directions by University of Gdańsk (Poland)  
*by Hanna Furmańczyk, Magda Dettlaff and Paweł Żyliński*

12:05 – 12:35 Research Directions by Gdańsk University of Technology (Poland)  
*by Magdalena Lemańska and Joanna Raczek*

**12:35 – 14:00 Lunch**

14:00 – 14:30 Research Directions by Optiyol Inc. (Türkiye)  
*by Tuba Yılmaz Gözbaşı*

14:30-15:00 Operations Research Applications in Disaster Management  
*by Prof.Burcu Balçık (Özyeğin University, Türkiye)*

15:00-15:30 A Dynamic Strategic Plan for the Transition to a Clean Bus Fleet using  
Multi-Stage Stochastic Programming  
*by Neman Karimi (Sabancı University, Türkiye)*

**15:30 – 15:45 Coffee Break**

15:45-16:15 Research on smart city and transportation technologies  
*by Arif Çağdaş Aydınolu, Süleyman Şişman, Ali Doğan Gümüşsoy (Institute of  
Transportation Technologies, Gebze Technical University)*

16:15-16:45 Nearcity: Catalyzing natural evolution of urban living towards local living  
*by Burcu Eliaçık*

16:45 - .... Discussions

**April 8, 2025, Tuesday**

09:30 – 10:00 Drinks & Snacks

10:00 – 10:30 Research Directions by University of Maribor (Slovenia)  
*by Iztok Peterin*

10:30 – 11:00 Research Directions by University of Primorska (Slovenia)  
*by Balázs Dávid*

**11:00 – 11:15 Coffee Break**

11:15 – 11:45 Research Directions by Stellenbosch University (South Africa)  
*by Riana Roux and Linke Potgieter*

11:45 – 12:15 Research Directions by University of Pretoria (South Africa)  
*by Valisoa Rakotonarivo*

**12:15 – 14:00 Lunch**

14:00 – 14:30 Research Directions by University of Cádiz (Spain)

*by Ismael Gonzalez Yero and Manuel Muñoz Marquez*

14:30 – 15:00 Research Directions by University of A Coruña (Spain)

*by María José Souto and María José Pereira*

15:00 – 15:30 Research Directions by University of Fribourg (Switzerland)

*by Élise Bangerter and Bernard Ries*

**15:30-15:45 Coffee break**

15:45 –..... Discussions