

WORKSHOP ON NONLINEAR SYSTEMS II

September 29, 2020

Gebze Technical University, Department of Mathematics

Organizing Committee.

- Ođul Esen, Gebze Technical University.
- Hasan Gümral, Yeditepe University.
- Mansur İsgenderođlu, Gebze Technical University.
- Mahmut Kudeyt, Gebze Technical University.
- Serkan Sütli, Işık University.
- Filiz Çađatay Uçgun, Maltepe University.

Updated List of Participants.

- Murat Can Aşkarođulları, Gebze Technical University.
- Begüm Ateşli, Gebze Technical University.
- Çiđdem Ay, Gebze Technical University.
- Ünver Çiftçi, Namık Kemal University.
- Tuđba Davşan, Gebze Technical University.
- Ođul Esen, Gebze Technical University.
- Ilmar Gahramanov, Bođaziçi University.
- Ayten Gezici, Gebze Technical University.
- Pelin Gökğöz, Yeditepe University.
- Hasan Gümral, Yeditepe University.
- Betül Gürbüz, Gebze Technical University.
- Serap Gürer, Galatasaray University.
- Feray Haciveliöđlu, Gebze Technical University.
- Mansur İsgenderođlu, Gebze Technical University.
- Hanife Kübra Kaya, Işık University.
- Ođuzhan Kaya, Galatasaray University.

- Ayten Koç, Gebze Technical University.
- Mahmut Kudeyt, Gebze Technical University.
- Işıl Öner, Gebze Technical University.
- Gökhan Özcan, Gebze Technical University.
- Gül den Gül Polat, İstanbul Kültür University.
- Serkan Süt lü, Işık University.
- Taylan Şengül, Marmara University.
- Önder Türk, Gebze Technical University.
- Filiz Çağatay Uçgun, Maltepe University.
- Yasemin Yılmaz, Yeditepe University.

Updated Schedule

All lectures will be online in an appropriate application (Zoom, Teams), the chosen application and related link will be announced later on.

Chairs: Hasan Gümral (Morning S.), Mansur İsgenderoğlu (Afternoon S.).

Schedule	
09:50-10:00	Organization Meeting with Participants
10:00-10:40	Mansur İsgenderoğlu Lineer Olmayan Bir Isı Denklemi İçin Ters Katsayı Bulma Problemi
10:45-11:15	Serkan Sütlü Dynamics Through Bicocycle Matched Pairs
11:20-12:00	Mahmut Kudeyt Tulczyjew's Triplet: Trivialization and Reduction
12:05-12:25	Filiz Çağatay Uçgun Reductions of Topologically Massive Gravity
LUNCH BREAK	
13:15-13:35	Ünver Çiftçi Geometric Aspects of Flow-Based Generative Models
13:40-14:10	Taylan Şengül Dynamic Transitions: Theory and Applications
14:15-14:55	Oğuzhan Kaya Geometric Quantization and Symmetric Spaces
15:00-15:30	Oğul Esen Matched Pair Analysis of the Vlasov Plasma
15:35-15:50	Begüm Ateşli Epidemiyolojideki Kompartman Modellerinin Eşlenmiş Hamilton Analizi
15:55-16:10	Gökhan Özcan Eşlenmiş Metriplektik Sistemler
16:15-16:30	Hanife Kübra Kaya Eşlenmiş Lie Cebroidlerin Üzerinde Lagrange Dinamiği
16:30-16:50	Closing Remarks