

Session Program

Dec 13 – 14, 2025



TAGRA 2025

Thermal and Fluid Science

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

Sun, December 14

3:40 PM

Thermal and Fluid Science

Session | Location: Virtual Room, VCR/1-1 | Convener: Mansur Mustafaoglu

3:40 – 3:55 PM

Numerical Analysis of Heat Transfer in Laminar Flow with Star-Cross Section Channel and Central and Circular Pipes

Speaker

Mansur Mustafaoglu

3:55 – 4:10 PM

The Effect of Fractal Phenomena on the Thermal Conductivity of Nanofluids

Speaker

Bahman rahmatinejad

4:10 – 4:25 PM

Design and Thermodynamic Analysis of a Geothermal-Based Tri-Generation System for Simultaneous Production of Power, Fresh Water, and Domestic Hot Water

Speaker

Yaser Shokri

4:25 – 4:40 PM

Application of Dynamic Light Scattering Method in Nanofluids

Speaker

Bahman rahmatinejad

4:40 – 5:00 PM

Use of Nanoparticles for Drilling Fluid in Petroleum Industry

Speaker

Abdollah Esmaeili

5:00 PM