

TAGRA 2024

Saturday, December 21, 2024

Mechanical Engineering: Energy and Thermodynamics - D/1-1 - Hall 1 (2:00 PM - 3:30 PM)

-Conveners: İlhan Volkan Öner

time	[id] title	presenter
2:00 PM	[38] Experimental Investigation of the Effects of Triple Mixtures of Waste Plastic Oil, Waste Transformer Oil and Diesel Fuel on Engine Performance and Exhaust Emissions	Mr YAZICI, Uğurcan
2:15 PM	[8] Numerical Investigation of Heat Transfer of Nanofluid in a Square Channel	MUSTAFAOĞLU, Mansur
2:30 PM	[28] Strategy for Enhancing Heat Transfer in Electronics: Keeping Devices Cool and Efficient	GHALY, Hassen
2:45 PM	[1] Assessment of Different Solar Cell Technologies for Sustainability Indicators	YEŞİLYURT, Muhammet Kaan
3:00 PM	[68] Powder Characteristics and Mechanical Properties of AlCrCo Middle Entropy Alloy Synthesized via Mechanical Alloying	ÖZKAYA, SERDAR

Mechanical Engineering: Energy and Thermodynamics - d/1-10 - Hall 4 (4:00 PM - 5:30 PM)

-Conveners: Ahmet Numan Özakın

time	[id] title	presenter
4:00 PM	[58] Evaluation of the Effects of Geometric Parameters on Thermal Performance in an Air Duct with an S-shaped Turbulator Using Numerical Methods	YILDIRIM, Orhan
4:15 PM	[63] Experimental and Numerical Investigation of the Effect of Open Cell Aluminum Foams in Air Channel on Heat Transfer	TOPRAK, Beytullah İsmet
4:30 PM	[56] Utilization of Geothermal Water Source Heat Pump in Space Heating in Cold Climate Regions	AKMEŞE, Sedat
4:45 PM	[55] Impact of Rectangular Flow Components and Different Fluids on the Efficiency of Solar Collectors: An Experimental Analysis	KABAKUŞ, Abdussamet
5:00 PM	[57] Investigation of Heat Transfer and Dynamic Instabilities in an Empty Tube with Boiling Two-Phase Flow	GÜVEN, Hasan
5:15 PM	[18] Investigating the Weldability of Microalloyed Steel by Friction Stir Welding	Dr AKTARER, Semih Mahmut

Mechanical Engineering: Energy and Thermodynamics: Session for Mechanical Engineering - D/1-8 - Hall 3 (4:00 PM - 5:15 PM)

-Conveners: Doğan ÇİLOĞLU

time	[id] title	presenter
4:00 PM	[35] Numerical Evaluation of Aerosol Deposition in Respiratory Tract Based on Chemical Properties and Size	ÜÇÜNCÜ, Hacer

4:15 PM	[40] Experimental Investigation of the Effects of Adding Fe ₂ O ₃ Nanoparticles to the Triple Mixtures of Pyrolytic Oil From Waste Tires, Waste Transformer Oil and Diesel Fuel on Engine Performance and Exhaust Emissions in a Diesel Engine	ERTEKIN, Veysel
4:30 PM	[39] Investigation of Engine Performance and Exhaust Emissions of a Diesel Engine Using a Mixture of Waste Transformer Oil, Pyrolytic Oil Obtained from Waste Tires and Diesel Fuel	Mr İNCE, Mustafa Köksal
4:45 PM	[51] Occupational Health and Safety in Medium-Scale Hydroelectric Power Plants	SİNCAR, Selçuk
5:00 PM	[47] The Importance of Periodic Control in Safe Production	Mr SİNCAR, Selçuk