

Erzurum Teknik Üniversitesi

Temel Bilimler Bölümü Seminer Programı

Konuşmacı: Doç. Dr. Abdullah Güvendi

03. 07. 2026 (Cuma)

Saat	Seminer Başlığı
11:00	Landau Quantization on a Helicoidal Background
14:00	Electromagnetic Wave Propagation in Static Black Hole Spacetimes
15:00	Optics of Rotating Black Holes
16:00	Superradiance in Rotating BTZ Black Holes

06. 07. 2026 (Pazartesi)

Saat	Seminer Başlığı
11:00	Vector Bosons in 2+1-Dimensional Wormholes
13:00	Refractive Index of Static Wormholes
14:00	Coupled Dirac Pairs in Static Wormholes
15:00	Optics of a Catenoid
16:00	Shadows of Slowly Rotating Wormholes

07. 07. 2026 (Salı)

Saat	Seminer Başlığı
11:00	Photon Propagation in Eddington-Inspired Born-Infeld Background
13:00	Ray Optics in Kiselev Wormholes
14:00	Curvature-Corrected Canonical Partition Function
15:00	Stability of Circular Orbits in a Singular Spacetime
16:00	Curvature Effects on One-Electron Atoms

08. 07. 2026 (Çarşamba)

Saat	Seminer Başlığı
11:00	Dirac Oscillator
13:00	Vector Boson Oscillator
14:00	Two-Body Dirac Equation
15:00	Coupled Quantum Oscillators
16:00	Charged Dirac Oscillators