ÖZGEÇMİŞ

1. Adı Soyadı : Koray DÜZTAŞ
2. Doğum Tarihi :
3. Unvanı : Prof.Dr.
4. Öğrenim Durumu : Doktora
5. Çalıştığı Kurum : İstanbul Okan Üniversitesi

Derece	Alan	Üniversite	Yıl
Lisans	FİZİK BÖLÜMÜ	BOĞAZİÇİ ÜNİVERSİTESİ	2002
Yüksek Lisans	FİZİK (YL) (TEZLİ)	BOĞAZİÇİ ÜNİVERSİTESİ	2006
Doktora	FİZİK (DR)	BOĞAZİÇİ ÜNİVERSİTESİ	2014

5. Akademik Unvanlar

Yardımcı Doçentlik Tarihi :
Doçentlik Tarihi :
Profesörlük Tarihi :

6. Yönetilen Yüksek Lisans ve Doktora Tezleri

6.1. Yüksek Lisans Tezleri

6.2. Doktora Tezleri

7. Yayınlar

7.1. Uluslararası hakemli dergilerde yayınlanan makaleler

SEMİZ İBRAHİM,DÜZTAŞ KORAY, On the exactness of the semi-classical approximation for non-relativistic one-dimensional propagators, JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL, 2006.

DÜZTAŞ KORAY,SEMİZ İBRAHİM, Cosmic censorship, black holes and integer-spin test fields, PHYSICAL REVIEW D, 2013.

DÜZTAŞ KORAY, Electromagnetic field and cosmic censorship, GENERAL RELATIVITY AND GRAVITATION, 2014.

DÜZTAŞ KORAY, Stability of event horizons against neutrino flux: the classical picture, CLASSICAL AND QUANTUM GRAVITY, 2015.

SEMİZ İBRAHİM,DÜZTAŞ KORAY, Weak cosmic censorship, superradiance, and quantum particle creation, PHYSICAL REVIEW D, 2015.

DÜZTAŞ KORAY,SEMİZ İBRAHİM, Hawking radiation as the cosmic censor, GENERAL RELATIVITY AND GRAVITATION, 2016.

DÜZTAŞ KORAY,SEMİZ İBRAHİM, The decoupling problem of the Proca equation and treatment of Dirac, Maxwell and Proca fields on the resulting pp-wave spacetimes, GENERAL RELATIVITY AND GRAVITATION, 2016.

DÜZTAŞ KORAY, Is there a mode stability paradox for neutrino perturbations of Kerr black holes?, PHYSICAL REVIEW D, 2016.

DÜZTAŞ KORAY, Overspinning BTZ black holes with test particles and fields, PHYSICAL REVIEW D, 2016.

DÜZTAŞ KORAY, Coulomb fields as perturbations of type D vacuum space-times, EUROPEAN PHYSICAL JOURNAL PLUS, 2017.

DÜZTAŞ KORAY, Can test fields destroy the event horizon in the Kerr-Taub-NUT spacetime?, CLASSICAL AND QUANTUM GRAVITY, 2018.

DÜZTAŞ KORAY, Group theoretical formulation of free fall and projectile motion, EUROPEAN JOURNAL OF PHYSICS, 2018.

DÜZTAŞ KORAY, Over-spinning Kerr-Sen black holes with test fields, INTERNATIONAL JOURNAL OF MODERN PHYSICS D, 2019.

DÜZTAŞ KORAY, Kerr-Newman black holes can be generically overspun, EUROPEAN PHYSICAL JOURNAL C, 2019.

DÜZTAŞ KORAY,Mubasher Jamil, String analog of Reissner-Nordstrom black holes cannot be overcharged, MODERN PHYSICS LETTERS A, 2019.

DÜZTAŞ KORAY, Mubasher Jamil, Overcharging dilaton black holes in (2+1) dimensions to extremality and beyond, INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS, 2020.

DÜZTAŞ KORAY, Mubasher Jamil, Testing cosmic censorship conjecture for extremal and near-extremal (2+1)-dimensional MTZ black holes, CLASSICAL AND QUANTUM GRAVITY, 2020.

DÜZTAŞ KORAY, Overspinning Kerr-MOG black holes by test fields and the third law of black hole dynamics, EUROPEAN PHYSICAL JOURNAL C, 2020.

DÜZTAŞ KORAY, Cosmic censorship, massless fermionic test fields, and absorption probabilities, EUROPEAN PHYSICAL JOURNAL C, 2021.

DÜZTAŞ KORAY, The variational method, backreactions, and the absorption probability in Wald type problems, EUROPEAN PHYSICAL JOURNAL C, 2021.

DÜZTAŞ KORAY, Challenging event horizons with spin (3/2) fields, EUROPEAN PHYSICAL JOURNAL C, 2023.

DÜZTAŞ KORAY, Spin-2 fields and cosmic censorship, PHYSICAL REVIEW D, 2024.

DÜZTAŞ KORAY, Hawking radiation at the zero temperature limit, EUROPEAN PHYSICAL JOURNAL C, 2024.

DÜZTAŞ KORAY, Can the induced increase in the angular velocity prevent the overspinning of BTZ black holes?, EUROPEAN PHYSICAL JOURNAL C, 2024.

DÜZTAŞ KORAY, Self energy in Kerr-Sen space-time incorporated to overspinning and overcharging problems, EUROPEAN PHYSICAL JOURNAL PLUS, 2025.

DÜZTAŞ KORAY, The generalized second law for fermionic and bosonic fields, EUROPEAN PHYSICAL JOURNAL C, 2025.

DÜZTAŞ KORAY, Second order variations and the overspinning problem in Kerr-Taub-NUT spacetime, PHYSICAL REVIEW D, 2025.

7.2. Ulusal hakemli dergilerde yayınlanan makaleler

DÜZTAŞ KORAY, Cosmic cencorship and the third law of black hole dynamics, Turkish Journal of Physics, 2018.

7.3. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

DÜZTAŞ KORAY, Cosmic Censorship and Black Hole thermodynamics, Eastern Mediterranean University Physics Days,2017.

7.4. Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

DÜZTAŞ KORAY, Kara Delik Pertürbasyonları ve Kozmik Sansür Hipotezi, Yefist 2019, 2019.

7.5. Yazılan uluslararası kitaplar veya kitaplarda bölümler

7.6. Yazılan ulusal kitaplar veya kitaplarda bölümler

7.7. Diğer yayınlar

8. Projeler

9. İdari Görevler

10. Bilimsel ve Mesleki Kuruluşlara Üyelikler

- Institute of Physics (IOP) (2025)

11. Ödüller

12. Son İki Yılda Verdiği Lisans ve Lisansüstü Düzeydeki Dersler

- Phys 604 Special Topics in General Relativity (II), Doktora, 2016-2017, Ders Saati: 3
- Phys 102.01 Physics-2, Lisans, 2016-2017, Ders Saati: 6
- Fizk 103 Fizik 1, Lisans, 2016-2017, Ders Saati: 6
- Phys 101.03 Physics-1, Lisans, 2016-2017, Ders Saati: 6
- Phys 101.05 Physics-1, Lisans, 2016-2017, Ders Saati: 6
- Phys 101.06 Physics-1, Lisans, 2016-2017, Ders Saati: 6
- Phys 101.09 Physics-1, Lisans, 2016-2017, Ders Saati: 6
- Fizik 109 Temel Fizik, Lisans, 2016-2017, Ders Saati: 3
- Phys 102.02 Physics-2, Lisans, 2016-2017, Ders Saati: 6
- Phys 102.08 Physics-2, Lisans, 2016-2017, Ders Saati: 6
- Phys 102.01 Physics-2, Lisans, 2017-2018, Ders Saati: 6
- Phys 111.03 Fundamentals of Physics, Lisans, 2017-2018, Ders Saati: 5
- Fizk 103 Fizik-1, Lisans, 2017-2018, Ders Saati: 6
- Fizk 109 Temel Fizik, Lisans, 2017-2018, Ders Saati: 3
- Phys 101 Physics-1, Lisans, 2017-2018, Ders Saati: 6
- Phys 101.03 Physics-1, Lisans, 2017-2018, Ders Saati: 6
- Phys 111.01 Fundamentals of Physics, Lisans, 2017-2018, Ders Saati: 5
- Phys 109.01 Fundamentals of Physics, Lisans, 2017-2018, Ders Saati: 3
- Phys 101.06 Physics-1, Lisans, 2017-2018, Ders Saati: 6
- Phys 102.02 Physics-2, Lisans, 2017-2018, Ders Saati: 6
- Phys 101.05 Physics-1, Lisans, 2018-2019, Ders Saati: 5
- Phys 109 Fundamentals of Physics, Lisans, 2018-2019, Ders Saati: 3
- Phys 101.02 Physics-1, Lisans, 2018-2019, Ders Saati: 6
- Phys 101.10 Physics-1, Lisans, 2018-2019, Ders Saati: 6
- Phys 101 Fizik 1, Lisans, 2018-2019, Ders Saati: 4
- Phys 102 Fizik 2, Lisans, 2018-2019, Ders Saati: 1
- Phys 102 R Fizik 2-Uygulama, Lisans, 2018-2019, Ders Saati: 1

- Fizik 203 Genel Fizik, Lisans, 2018-2019, Ders Saati: 2
- Fizik 2, Lisans, 2019-2020, Ders Saati: 4
- Fizik 1, Lisans, 2019-2020, Ders Saati: 4