

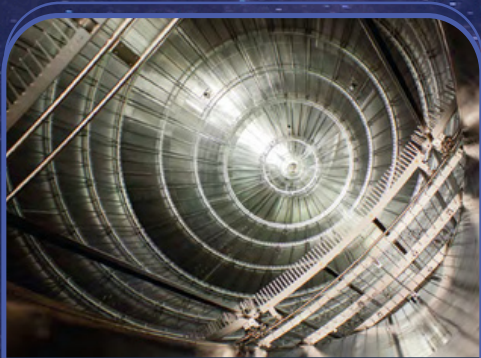
Αραştırmacılar

GECE Sİ | Perşembe 24/09/26



İSTANBUL

KATILIM
ÜCRETSİZDİR



08:00 - 09:00 CET

KATRIN NEUTRINO
DENEYİ



09:00 - 10:00 CET

CERN CMS DENEYİ



10:30 - 11:30 CET

VIRGO YER ÇEKİMİ
DALGASI



19:00 - 20:30 CET

CANLI ASTRONOMİK
GÖZLEM

MALTEPE ÜNİVERSİTESİ MÜHENDİSLİK VE DOĞA BİLİMLERİ FAKÜLTESİ
TEMEL BİLİMLER BÖLÜMÜ



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Researchers

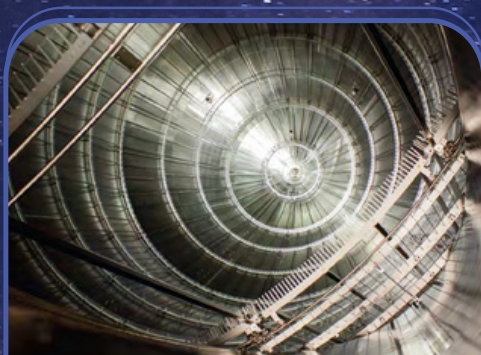
NIGHT

Thursday 24/09/26



ISTANBUL

FREE OF CHARGE



⌚ 08:00 - 09:00 CET

*KATRIN NEUTRINO
EXPERIMENT*



⌚ 09:00 - 10:00 CET

*CMS EXPERIMENT
AT CERN*



⌚ 10:30 - 11:30 CET

*VIRGO
GRAVITATIONAL
WAVE*



⌚ 19:00 - 20:30 CET

*LIVE ASTRONOMICAL
OBSERVATION*

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Αραştırμααίλαρ

GECE Sİ | Cuma 25/09/26



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SAAT: 19:15 GMT +3
18:15 CEST

KATILIM ÜCRETSİZDİR

PROF. DR. HARUN CERİT

• SÜPERKRİTİK AKIŞKAN YÖNTEMİYLE OMEGA-5 ÜRETİMİ

Süperkritik Karbondioksit teknolojisi, nar çekirdeğindeki hassas Omega-5 yağ asitlerini ısı, ışık ve oksijenden koruyarak solvent kalıntısı olmaksızın en saf haliyle elde etmeyi sağlayan yeşil bir yöntemdir; geleneksel hekzan ekstraksiyonu veya yüksek sıcaklıklı preslemenin aksine bu molekülleri doğal formunda muhafaza eder.



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RESEARCHERS

NIGHT

Friday 25/09/26



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PROF. DR. HARUN CERİT

- **OMEGA-5 PRODUCTION USING SUPERCRITICAL FLUIDS**

Supercritical CO₂ technology is a green method that protects delicate Omega-5 fatty acids in pomegranate seeds from heat, light, and oxygen to extract them in their purest form without solvent residue; unlike conventional hexane extraction or high-temperature pressing, it preserves these molecules in their natural form.



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KATILIM ÜCRETSİZDİR

DOÇ. DR. SALİH KİBAROĞLU

• BORN-INFELD-F(R) KARA DELİKLER

Born-Infeld-f(R) kütleçekimi çerçevesinde Born-Infeld ve f(R) teorilerini birleştiren modifiye edilmiş bir yapı içinde tam statik ve küresel simetrik karadelik çözümlerini inceliyoruz. Hawking sıcaklığı, entropi ve özgül ısı dahil olmak üzere geometrik yapıyı ve termodinamik özellikleri analiz ederek, standart genel görelilikten belirgin şekilde sapan yeni davranışlar ortaya koyuyoruz.



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Friday 25/09/26



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ASSOC. PROF. SALİH KİBAROĞLU

- BORN-INFELD-F(R) BLACK HOLES**

We investigate exact static, spherically symmetric black hole solutions within Born-Infeld- $f(R)$ gravity, a modified framework combining Born-Infeld and $f(R)$ theories. By analyzing the geometrical structure and thermodynamic properties including Hawking temperature, entropy, and specific heat, we uncover novel behaviors that deviate significantly from standard general relativity.



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KATILIM ÜCRETSİZDİR



DOÇ. DR. SALİH KİBAROĞLU

Born-Infeld-f(R) Kara Delikler



PROF. DR. HARUN CERİT

Süperkritik Akışkan Yöntemiyle Omega-5 Üretimi

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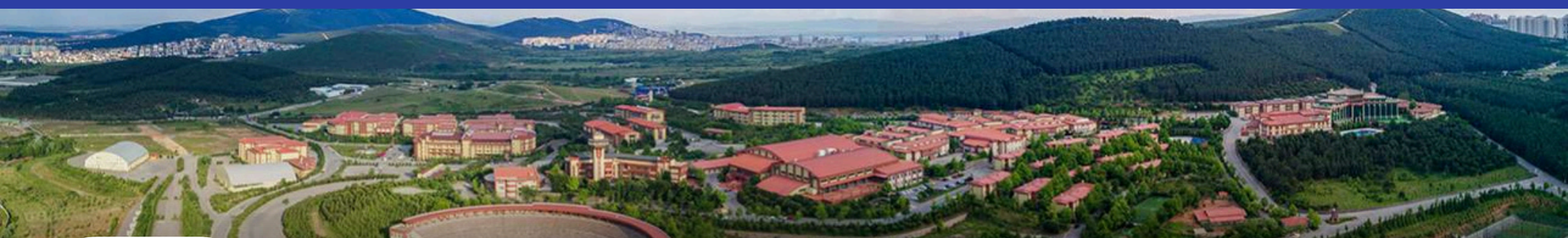
Born-Infeld-f(R) Black Holes



PROF. DR. HARUN CERİT

OMEGA-5 Production Using Supercritical Fluids

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