

Dr. Öğr. Üyesi Kai Oliver SCHWENZER

Kişisel Bilgiler

İş Telefonu: +90 212 440 0000 Dahili: 11884

E-posta: kai.schwenzer@istanbul.edu.tr

Posta Adresi: İÜ fen Fakültesi Astronomi ve Uzay Bilimleri Bölümü, 34119, Üniversite, Beyazıt, İstanbul

Uluslararası Araştırmacı ID'leri

ORCID: 0000-0003-1835-1880

Publons / Web Of Science ResearcherID: AAC-4565-2020

Yoksis Araştırmacı ID: 258195

Eğitim Bilgileri

Doktora, Ruprecht-Karls-Universitaet Heidelberg, Physics, Theoretical Physics, Almanya 2000 - 2003

Yüksek Lisans, Ruprecht-Karls-Universitaet Heidelberg, Physics, Theoretical Physics, Almanya 1993 - 2000

Araştırma Alanları

Fizik, Astronomi ve Astrofizik, Temel Bilimler

Akademik Unvanlar / Görevler

Dr. Öğr. Üyesi, İstanbul Üniversitesi, Fen Fakültesi, Astronomi, 2018 - Devam Ediyor

Yrd. Doç. Dr., İstanbul Üniversitesi, Fen Fakültesi, Astronomi, 2016 - 2018

Araştırma Görevlisi Dr., Universität Tübingen, Physics Faculty, Physics Dept., 2014 - 2016

Araştırma Görevlisi Dr., University of Washington, Physics Faculty, Physics Faculty, 2008 - 2014

Araştırma Görevlisi Dr., Universität Graz, Physics Faculty, Physics Faculty, 2006 - 2008

Araştırma Görevlisi Dr., Ruprecht-Karls-Universitaet Heidelberg, Physics Faculty, Physics Faculty, 2005 - 2005

Araştırma Görevlisi Dr., North Carolina State University, Physics Faculty, Physics Faculty, 2003 - 2005

Araştırma Görevlisi, Ruprecht-Karls-Universitaet Heidelberg, Physics Faculty, Physics Faculty, 2000 - 2003

Öğretim Görevlisi, Ruprecht-Karls-Universitaet Heidelberg, Physics Faculty, Physics Faculty, 2000 - 2000

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Signatures for quark matter from multi-messenger observations**
Alford M. G., Han S., Schwenzer K. O.
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- VI. **Gravitational wave emission from oscillating millisecond pulsars**
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- VIII. **Probing dense matter in compact star cores with radio pulsar data**
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- IX. **QCD and strongly coupled gauge theories: challenges and perspectives**
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- XIII. **Viscous damping of r-modes: Large amplitude saturation**
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- XVI. **On the infrared scaling solution of SU(N) Yang-Mills theories in the maximally Abelian gauge**
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- XVIII. **Infrared singularities in Landau gauge Yang-Mills theory**
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- EUROPEAN PHYSICAL JOURNAL C, cilt.62, sa.4, ss.761-781, 2009 (SCI-Expanded)
- XXI. **Algorithmic derivation of Dyson-Schwinger equations**
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- XXII. **The quark-gluon vertex in Landau gauge QCD: Its role in dynamical chiral symmetry breaking and quark confinement**
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- XXIII. **The infrared behavior of Landau gauge Yang-Mills theory in $d=2, 3$ and 4 dimensions**
Huber M. Q., Alkofer R., Fischer C. S., Schwenzer K. O.
PHYSICS LETTERS B, cilt.659, ss.434-440, 2008 (SCI-Expanded)
- XXIV. **What the infrared behavior of qcd vertex functions in Landau gauge can tell us about confinement**
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INTERNATIONAL JOURNAL OF MODERN PHYSICS E, cilt.16, sa.9, ss.2720-2732, 2007 (SCI-Expanded)
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NUCLEAR PHYSICS A, cilt.785, 2007 (SCI-Expanded)
- XXVI. **Low-energy dynamics in ultradegenerate QCD matter**
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- XXVII. **Neutrino emission from ungapped quark matter**
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- XXIX. **Non-Fermi liquid effects in QCD at high density**
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III. Impact of r-modes on the cooling of neutron stars

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International Workshop on Quantum Chromodynamics - Theory and Experiment (QCD at Work), Lecce, İtalya, 18 - 21 Haziran 2012, cilt.1492, ss.257-263

IV. Non-linear viscous saturation of r-modes

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9th International Conference on Quark Confinement and the Hadron Spectrum, Madrid, İspanya, 30 Ağustos - 03 Eylül 2010, cilt.1343, ss.580-582

V. Suprathermal viscosity of dense matter

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VI. Non Fermi liquid effects in dense matter and compact star cooling

Schwenzer K. O., Schafer T.

6th International Conference on Strong and Electroweak Matter (SEWM 2004), Helsinki, Finlandiya, 16 - 19 Haziran 2004, ss.421-425

VII. Renormalization group approach to the phase diagram of strong interaction

Schwenzer K. O., Pirner H.

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Desteklenen Projeler

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