CURRICULUM VITAE

PERSONAL INFORMATION

Surname	**Farzan-Nahad (Bisabr)***
Name	**Yousef**
Gender	**Male**
Date of Birth	**3th Aug. 1965**
Nationality	**Iranian**
Marital Status	**Married**
Address of present institution	**Department of Physics, Rajaee University, Lavizan, Tehran 16788, Iran.**
Email	**y-bisabr@sru.ac.ir**

*** My family name has been changed from Bisabr to Farzan-Nahad since 2004.**

EDUCATION

1987-1991	Bachelor of Science, physics, Beheshti University.
1993-1996	Master of Science, Theoretical physics, Beheshti University. Master Advisor: Prof. Hamidreza Sepangi (Thesis: Signature Transition in Quantum Cosmology.)
1997-2001	Ph.D. in Theoretical Physics, Beheshti University Ph.D. Advisor: Prof. Hadi Salehi (Thesis: The Role of Conformal Symmetry in Classical and Semi-Classical Gravity.)

EMPLOYMENT RECORD

2001-2009	Assistant Professor: Faculty member at Rajaee University.
2004-2009	Head of Physics Department: Rajaee University .
2010- 2017	Associate professor of physics, Rajaee University.
2017	Professor of physics, Rajaee University.
2014- 2016	Scientific council member of Rajaee University.

عضو شورای پژوهشی دانشکده علوم پایه دانشگاه شهید رجایی از سال 1389 تاکنون

عضو کارگروه جذب هیئت علمی دانشگاه شهید رجایی از سال 1390 تاکنون

عضو کمیته منتخب دانشکده علوم پایه دانشگاه شهید رجایی از سال 1391-1393

عضو هیئت ممیزه مشترک دانشگاه ه او موسسات آموزشی و پژوهشی وابسته به آموزش و پرورش

از سال 1393-1395

عضو کمیسیون تخصصی علوم پایه در هیئت ممیزه دانشگاه شهید رجایی از سال 1393-1394

AWARDS

1991	Prize for the best undergraduate student in Physics, Beheshti University.
2010	Prizes for the best researcher in Rajaee University.
2012	Prizes for the best researcher in Rajaee University.

پژوهشگر برتر دانشگاه شهید رجایی در سال 1391

استاد نمونه دانشگاه شهید رجایی در سال 1393

RESEARCH INTEREST

General Relativity and Modified Gravity (f(R) Gravity and Scalar-Tensor Theories).

Cosmology, Dark Matter, Dark Energy.

Quantum Field Theory in Curved Background.

Time Variation of Fundamental Constants.

Dark Energy-Dark Matter Coupling.

The cosmological constant problem.

LIST OF PUBLICATIONS

- Y. Bisabr:

Cosmological Constant in Chameleon Brans-Dicke Theory

Int. J. Mod. Physics. D 28, 1950022 (2019)

- Y. Bisabr:

Gravitational Coupling and the Cosmological Constant

Int. J. Mod. Phys. D 27, 1850086 (2018)

• Y. Bisabr:

Cosmological Exact Solutions in Some Modified Gravitational Theories

Grav. Cosmol. 24, 201 (2018)

- Y. Bisabr and F. Ahmadi

Effect of the Chameleon Scalar Field on Brane Cosmological Evolution

Phys. Lett. B 774: 671-675 (2017)

- Y. Bisabr:

  Notes on the Chameleon Brans-Dicke Gravity

  Astrophys Space Sci (2014) 350:407-411.

- Y. Bisabr:

Non-minimal Gravitational Coupling of Phantom and Big Rip Singularity

  Gen Relativ Gravit 45,1559-1566 (2013).

- Y. Bisabr:

Chameleon Brans-Dicke Cosmology

  Phys. Rev. D 86, 127503 (2012).

- Y. Bisabr:

Modified Gravity with a Non-minimal Gravitational Coupling to Matter

  Phys. Rev. D 86, 044025 (2012).

- Y. Bisabr:

Cosmic Evolution in a Modified Brans-Dicke Theory

  Astrophys Space Sci 339, 87-92 (2012).

- Y.Bisabr:

  Crossing Phantom Boundary in f(R) Modified Gravity : Jordan Frame vs

  Einstein Frame

Grav. Cosmol. 18, 143 (2012).

- Y. Bisabr:

Coincidence Problem and Holographic f(R) Gravity in Spatially flat and Curved Universes

  Grav. Cosmol. 18, 151 (2012).

- Y. Bisabr:

The Coincidence Problem in Holographic f(R) Gravity

Phys. Scr. 84, 035901 (2011).

- Y. Bisabr:

Cosmic Acceleration in Brans-Dicke Cosmology

Gen Relativ Gravit 44,427 (2012).

- Y. Bisabr:

Coincidence Problem in f(R) Gravity Models

Phys. Rev. D 82, 124041 (2010).

- Y. Bisabr:

f(R) Gravity and Crossing the Phantom Divide Barrier

Phys. Lett. B 690, 456-461 (2010).

- Y. Bisabr:

Local Gravity Constraints and Power Law f(R) Theories

Grav. Cosmol. 3, 239 (2010).

- Y. Bisabr:

Constraining f(R) Theories with Temporal Variation of Fine Structure Constant

Phys. Lett. B 688, 4-8 (2010).

- Y. Bisabr:

Gravitational Coupling and Dynamical Reduction of The Cosmological Constant

Gen Relativ Gravit 42, 1211-1219 (2010).

- Y. Bisabr:

Solar System Constraints on a Cosmologically Viable f(R) Theory

Phys. Lett. B 683, 96-100 (2010).

- Y. Bisabr:

Comments on Scalar-Tensor Representation of $f(R)$ Theories\\

Phys. Scripta 80, 045902 (2009).

- Y. Bisabr:

Holographic Dark Energy Model and Scalar-Tensor Theories

Gen Relativ Gravit 41, 305-313 (2009).

- Y. Bisabr:

Cosmological Implication of the Trace Anomaly

Int. J. Theor. Phys. 44, 283-291 (2005).

- Y. Bisabr:

Conformal Invariance, Accelerating Universe and The Cosmological Constant Problem

Int. J. Theor. Phys. 43, 2137-2148 (2004).

- Y. Bisabr:

Mach's Principle and Model for a Broken Symmetric Theory of Gravity

Int. J. Theor. Phys. 44, 283-291 (2005)

- Y. Bisabr:

Conformal Invariance, Anomalous Gravitational Coupling and Derivation of a Particle Concept

hep-th/0301208.

- Y. Bisabr:

Mechanism for a Decaying Cosmological Constant

Class. Quant. Grav. 19, 2369-2374 (2002).

- Y. Bisabr:

Hadamard States and Two-dimensional Gravity

Int. J. Mod. Phys. A16, 3699-3706 (2001).

- Y. Bisabr:

Scalar Tensor Theories and Hadamard State Condition

J. Math. Phys. 41, 4582-4589 (2000).

- Y. Bisabr:

Conformal Anomaly and Large Scale Gravitational Coupling

Int. J. Theor. Phys. 39, 1241-1244 (2000).