

NILOUFR HOSSEINKHAN

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EDUCATION

DOCTORATE OF PHYSICS

Branch: Cosmology and Gravitation

Institute/University: University of Mazandaran

2014 - 2018

GPA : 19:03

MASTER OF PHYSICS

Branch: Astrophysics

Institute/University: Central Tehran Branch, Islamic Azad University

2008 - 2011

GPA : 15:16

BACHELOR OF PHYSICS

Branch: Solid State

Institute/University: Yasouj University

2004 - 2008

GPA : 13:70

RESEARCH

Late time cosmological dynamics with a nonminimal extension of the mimetic matter scenario,

N. Hosseinkhan and K. Nozari,

Eur. Phys. J. Plus (2018) 133:50 DOI 10.1140/epjp/i2018-11876-4

Publisher: EUROPEAN PHYSICAL JOURNAL PLUS

Date: February 2018

<http://link.springer.com/article/10.1140/epjp/i2018-11876-4>

Design of a Scheduling System for Optical Observations

N. Hosseinkhan and H. Khosroshahi,

Publisher: 7th National Meeting of Astronomy and Astrophysics of Iran

Date: November 2014

PROJECTS

Webinar on Black holes

For: Voice of Cosmos

Date: February 2020

Webinar on Supernovae

For: Voice of Cosmos

Date: December 2019

Online Class on Cosmology

For: Voice of Cosmos

Date: October 2019

Sky on The Screen (In The Shadow of The Black hole)

For: National Museum of Science

Date: October 2019

Lecture on Black Components of The Universe

For: Voice of Cosmos

Date: June 2018

Design of a Scheduling System for Optical Observations (MSc Project)

For: Islamic Azad University

Date: 2009-2011

Participation in Site Selection of INO (Iranian National Observatory)

For: Iranian National Observatory Project

Date: 2008 - 2010

JOB EXPERIENCES

Lecturer and Scientific Editor

Company: Voice of Cosmos

From December 2017

Supervisor of Book Translation Team

Company: Bijan Norouz & Voice of Cosmos Startup

From October 2019

Lecturer

University: Astronomy Group of Tehran Polytechnic

April 2018 - December 2018

Science Teacher (Majoring in Astronomy)

Educational Institutions: Institute for the Study and Creativity of Children and Adolescents

October 2011 - September 2014

Science Teacher (Majoring in Astronomy)

School: Aras

June 2012 - May 2013

SKILLS

- ICDL
- Linux
- Mathematica
- Coding (CAMB & CosmoMC)
- Maple
- xAct Package

CERTIFICATES

IELTS (Academic)

Listening: 6.5 Reading: 5.5 Writing: 6.5 Speaking: 6.5 Overall: 6.5

Institute: BRITISH COUNCIL

Date: November 2011

Workshop on Calculation of Cosmic Perturbation by Using MATHEMATICA and xAct

Institute: school of Astronomy, Institute for Research in Fundamental Sciences(IPM), Tehran, Iran

Date: July 2019

Full Course on Cosmological Codes CAMB & CosmoMC

Institute: Coding Club of Tehran

Date: May 2018

Workshop on Introduction to Cosmological Codes CAMB & CosmoMC

Institute: Department of Physics, Shahid Beheshti University

Date: April 2018

Workshop on Data Modeling

Institute: Department of Physics, Beheshti University

Date: April 2018

Cosmology Course II

Institute: School of Astronomy, Institute for Research in Fundamental Sciences(IPM), Tehran, Iran

Date: 2017

Cosmology Course I

Institute: School of Astronomy, Institute for Research in Fundamental Sciences(IPM), Tehran, Iran

Date: 2016

Tehran International meeting on Modified Gravity

Institute: School of Astronomy, Institute for Research in Fundamental Sciences(IPM), Tehran, Iran

Date: January 2016

International Workshop on "Galaxies Inside & Out"

Institute: School of Astronomy, Institute for Research in Fundamental Sciences(IPM), Tehran, Iran

Date: January 2015

IDL in Astronomy Workshop

Institute: School of Astronomy, Institute for Research in Fundamental Sciences(IPM), Tehran, Iran

Date: June 2014