

## PERSONAL INFORMATION



## S. DANIAL FORGHANI

- 📍 **Current Address** D16, Makri Tower B, Salamis St., Famagusta, TRNC, via Mersin 10, Turkey  
📍 **Permanent Address** No. 25-4, Bagh-e-Sarv Comp., Bagh-e-Ziar St., Simin St., 8177766945 Isfahan, Iran
- 📞 **Current Number** +90 533 8488160 (TRNC)  
📞 **Permanent Number** +98 936 6096599 (Iran)
- ✉️ [danial.forghani@gmail.com](mailto:danial.forghani@gmail.com), [danial.forghani@final.edu.tr](mailto:danial.forghani@final.edu.tr)
- 💬 **Skype** danial.forghani

## EDUCATION AND TRAINING

2014 – 2019

**Ph.D.**

Physics, Eastern Mediterranean University, Famagusta (North Cyprus)  
CGPA: 4.00/4.00

- **Ph.D. Thesis**

**Title***Asymmetric Thin-Shell Wormhole***Supervisor**

Prof. Dr. Habib Mazharimousavi

2007 – 2011

**Master of Science**

Nuclear Physics, University of Kashan, Kashan (Iran)  
CGPA: 15.32/20

- **Master Thesis**

**Title***Measuring the Level of Some Trace Elements in the Blood of Patients Suffering from Multiple Sclerosis Using Neutron Activation Analysis***Grade Point**

19.87/20

**Supervisor**

Dr. Mehdi Nasri Nasrabadi

2002 – 2007

**Bachelor of Science**

Physics, University of Isfahan, Isfahan (Iran)  
CGPA: 15.43/20

## PERSONAL SKILLS

Mother tongue

Persian

English (IELTS)  
(Taken in 2013)Listening  
7.0Reading  
8.5Writing  
6.5Speaking  
7.0**Overall**  
**7.5**

Computer skills

**Operating System** | Linux, Windows**Programming** | MAPLE, MCNP**Software** | SPAN 4.0, Maestro II, Starry Night Pro, TheSky6

## WORK EXPERIENCE

2019 – now

**Instructor**

Faculty of Engineering, Final International University, Kyrenia (North Cyprus)  
Offered Courses: PHYS101; PHYS102; MATH111; MATH113

2014 – 2019

**Research and Teaching Assistant**

Department of Physics, Faculty of Arts and Sciences, EMU (North Cyprus)  
Offered Course: PHYS 101; PHYS111

2014

**Teacher**

Mechanics, A Level, Doğa College, Famagusta (North Cyprus)

- Astronomy and Astrophysics Teacher**  
 2004 – 2014 Adib Astronomy Center, Isfahan (Iran)  
 2008 Students' Scientific Community of Physics Department, Azad University of Najafabad, Najafabad (Iran)  
 2007 Students' Scientific Community of Physics Department, Payam-e Noor University of Najafabad, Najafabad (Iran)  
 2005-2007 Rami Astronomy Club, Students' Scientific Community of Physics Department, University of Isfahan, Isfahan (Iran)
- 2012 – 2013 **Being a Member of the Board of Trustee**  
 Adib Astronomy Center, Isfahan (Iran)
- 2005 – 2006 **Astronomy Laboratory Teacher Assistant**  
 Physics Department, University of Isfahan, Isfahan (Iran)
- 2004 – 2006 **A Member of Editorial Board**  
 Student Astronomy Magazine (Sepehr), University of Isfahan, Isfahan (Iran)

## ADDITIONAL INFORMATION

---

### Publications

#### • Journal Articles

##### 2020

P. Dehghani, S.H. Mazharimousavi, and S.D. Forghani, *Ann. Phys. (N. Y.)* **419**, 168234 (2019).  
 S.D. Forghani, S.H. Mazharimousavi, and M. Halilsoy, *Phys. Lett. B* **804**, 135374 (2020).

##### 2019

S.D. Forghani, S.H. Mazharimousavi, and M. Halilsoy, *JCAP***10** (2019) 067.  
 S.D. Forghani, S.H. Mazharimousavi, and M. Halilsoy, *Int. J. Mod. Phys. D* **28**, 1950142 (2019).  
 S.D. Forghani, S.H. Mazharimousavi, and M. Halilsoy, *Eur. Phys. J. Plus* **134**, 342 (2019).  
 S.D. Forghani, S.H. Mazharimousavi, and M. Halilsoy, *Eur. Phys. J. C* **79**, 449 (2019).

##### 2018

S.D. Forghani, S.H. Mazharimousavi, and M. Halilsoy, *Eur. Phys. J. Plus* **133**, 497 (2018).  
 S.D. Forghani, S.H. Mazharimousavi, and M. Halilsoy, *Eur. Phys. J. C* **78**, 469 (2018).

##### 2017

S.H. Mazharimousavi, S.D. Forghani, and S.N. Abtahi, *Int. J. Geom. Methods Mod. Phys.* **14**, 4 (2017).

##### 2012

M.N. Nasrabadi, D. Forghani, I. Shahabi, and R. Shirini, *J. Radioanal. Nud. Chem.* **293**, 479 (2012).

#### • Conference Paper

##### 2019

S.D. Forghani, S.H. Mazharimousavi, and M. Halilsoy, *Thin-Shell Wormholes and Symmetry, gr22amaldi13 joint conference*, 07-12 July 2019, Valencia, Spain.

##### 2011

Nasrabadi, M.N.; Forghani, D.; Measuring the levels of some trace elements in the blood of patients suffering from multiple sclerosis using Neutron Activation Analysis; *NUTECH*; vol. 43; 43002683; **2011**.

#### (Under Review)

S.D. Forghani, and S.H. Mazharimousavi, arXiv:2002.12753, (2020).  
 S.D. Forghani, S.H. Mazharimousavi, and M. Halilsoy, arXiv:2002.08358, (2020).  
 S.D. Forghani, S.H. Mazharimousavi, and M. Halilsoy, arXiv:1904.03957, (2019).

#### • Book

##### 2010

*Elementary Astronomy and Astrophysics*,  
 Adib Astronomy Center,  
 Isfahan, Iran.

#### • Translation

##### 2013

From English into Persian: Ian Ridpath, *Eyewitness Companion: Astronomy*, DK Publishing, New York, **2006**.

**Projects**     **2013**  
 Administrator of APOSOS (Asia-Pacific ground-based Optical Space Observation System) Project in Adib Astronomy Center, in Cooperation with ISA (Iranian Space Agency), under the Supervision of APSCO (Asia-Pacific Space Cooperation Organization).

**2013**  
 Administrator of the Observation Project of C/2012 S1 (ISON),  
*Adib Astronomy Center*, Isfahan, Iran.

**2003**  
 A Member of On-Line Broadcasting and Observing Venus Transit Group,  
*University of Isfahan*, Isfahan, Iran.

**Honors and Awards**     **2019**  
 Best Scientific Article Award (1<sup>st</sup> Place),  
*2<sup>nd</sup> Scientific Gathering of Iranian Students in Cyprus*, Famagusta, TRNC.

**2014-2019**  
 100% Tuition Fee Waiver Scholarship,  
*Eastern Mediterranean University*, Famagusta, TRNC.

**2002-2006**  
 100% Tuition Fee Waiver Scholarship,  
*University of Isfahan*, Isfahan, Iran.

**2007**  
 The Teacher of the Year Educational Award,  
*Isfahan Municipality*, Isfahan, Iran.

**Certificates**     **2019**  
 Participation in School on Geometry and Gravitation (smr3311), July 2019, ICTP, Trieste, Italy.

**2019**  
 Participation in 22nd International Conference on General Relativity and Gravitation + 13th Edoardo Amaldi Conference on Gravitational Waves, July 2019, Valencia, Spain

**2019**  
 Participation in EMU Faculty of Arts and Sciences, Physics Department's 2019 Physics Days,  
*Eastern Mediterranean University*, Famagusta, TRNC.

**2017**  
 Participation in EMU Faculty of Arts and Sciences, Physics Department's 2017 Physics Days,  
*Eastern Mediterranean University*, Famagusta, TRNC.

**2013**  
 First Workshop of Optical Space Objects Observation System,  
*ISA (Iranian Space Agency)*, Tehran, Iran.

**2012**  
 National Workshop of Eclipsing Binary Stars,  
*IOTA-ME (International Occultation and Timing Association – Middle East)*, Isfahan, Iran.

**2010**  
 Courses on Teaching Skills and Principles in Astronomy,  
*Adib Astronomy Center*, Isfahan, Iran.

**2010**  
 Workshop of Designing and Utilizing a Quadrant,  
*Adib Astronomy Center*, Isfahan, Iran.

**2009**  
 First National Workshop on Astronomical Software and Programs,  
*Adib Astronomy Center*, Isfahan, Iran.

**2008**

National Workshop on Neutron Activation Analysis  
*Nuclear Science and Technology Research Center, Isfahan, Iran.*

**2008**

Workshop of Computational Nuclear Codes: MCNP4C,  
*University of Isfahan, Isfahan, Iran.*

## REFERENCES

- S. Habib Mazharimousavi** Professor, Department of Physics, Arts and Sciences Faculty, Eastern Mediterranean University, Famagusta, TRNC.  
Phone Number: +90 5338427896 | E-mail: [habib.mazhari@emu.edu.tr](mailto:habib.mazhari@emu.edu.tr)
- Mustafa Halilsoy** Professor, Department of Physics, Arts and Sciences Faculty, Eastern Mediterranean University, Famagusta, TRNC.  
Phone Number: +90 5338427896 | E-mail: [mustafa.halilsoy@emu.edu.tr](mailto:mustafa.halilsoy@emu.edu.tr)
- Izzet Sakalli** Professor, Department of Physics, Arts and Sciences Faculty, Eastern Mediterranean University, Famagusta, TRNC.  
Phone Number: +90 5428552675 | E-mail: [izzet.sakalli@emu.edu.tr](mailto:izzet.sakalli@emu.edu.tr)
- Ahmad Kiasatpour** Professor, Physics Department, Faculty of Sciences, University of Isfahan, Isfahan, Iran.  
Phone Number: +98 9131160221 | E-mail: [akiasat@sci.ui.ac.ir](mailto:akiasat@sci.ui.ac.ir), [kiasata@yahoo.com](mailto:kiasata@yahoo.com)
- Mehdi Nasri Nasrabadi** Associate Professor, Faculty of Advanced Sciences and Technologies, University of Isfahan, Isfahan, Iran.  
Phone Number: +98 9133253560 | E-Mail: [mnnasrabadi@ast.ui.ac.ir](mailto:mnnasrabadi@ast.ui.ac.ir), [mnnasri@gmail.com](mailto:mnnasri@gmail.com)