

# Curriculum Vitae

## Dr. Shahryar Motamedi

### Personal Information

**Address:** Tehran, Iran  
**Phone Number:** +989124898825  
**Email:** shahryar.mtmd@gmail.com  
**GitHub:** <https://github.com/shmotamedi>  
**Linkedin:** <https://www.linkedin.com/in/shahryar-motamedi-26b169b7/>  
**Researchgate:** <https://www.researchgate.net/profile/Shahryar-Motamedi>

### Education

2015-2024      **Doctor of Philosophy in Theoretical Astrophysics**  
Institute for Advanced Study of Basic Science (IASBS), Zanzan, Iran  
Advisor: Prof. Hosein Haghi  
EMAIL [haghi@iasbs.ac.ir](mailto:haghi@iasbs.ac.ir)  
2010-2013      **Master of Science in Space engineering**  
Sharif University of Technology (SUT), Tehran, Iran  
Advisor: Prof. Seid H. Pourtakdoust  
EMAIL [pourtak@sharif.edu](mailto:pourtak@sharif.edu)  
2006-2010      **Bachelor of Science in Physics**  
Sharif University of Technology (SUT), Tehran, Iran

### Research Experience

Research Assistant      **IASBS**, Zanzan, Iran  
Comparing the dynamical friction time-scale in Milgromian versus equivalent Newtonian dynamics.  
Research Assistant      **SUT**, Tehran, Iran  
Detecting chaos in the Relativistic restricted three-body problem.  
2019      **USTC**, Hefei, China  
During this visit, my team and I were particularly focused on developing methods to compare MOND and dark matter.  
2014      **RCISP**, Tehran, Iran  
This position involved investigation of Perturbation Techniques to design an Advanced High-Precision Orbit Propagator. By working on this project, I significantly combined my knowledge in physics and engineering.

### Honors & Awards

**PhD Exam** Honored as the best participant in the IASBS Ph.D entrance exam.  
**MSc Exam** Graduate full scholarship at SUT, the privilege of studying graduate degree without any exam for the best student in the nation.