

Curriculum Vitae

Dr. Shahryar Motamedi

Personal Information

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Researchgate: <https://www.researchgate.net/profile/Shahryar-Motamedi>

Education

2015-2022 **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
2010-2013 **Master of Science in Space engineering**
Sharif University of Technology (SUT), Tehran, Iran
Advisor: Prof. Seid H. Pourtakdoust
EMAIL 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.