

Curriculum Vitae

Dr. Shahryar Motamedi

Address: Tehran, Iran
Mobile: +98 912 489 8825
shahryar.mtmd@gmail.com

Online Profiles

Github: github.com/shmotamedi
ResearchGate: researchgate.net/profile/Shahryar-Motamedi
Linkedin: linkedin.com/in/shahryar-motamedi

Education

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

Research Experience

Research Assistant Compared the dynamical friction time-scale in Milgromian versus equivalent Newtonian dynamics.	IASBS, Zanzan, Iran
Research Assistant Detected chaos in the relativistic restricted three-body problem.	SUT, Tehran, Iran
Visiting Researcher Focused on developing methods to compare MOND and dark matter models.	University of Science and Technology of China (USTC), Hefei, China, 2019
Researcher Investigated perturbation techniques to design an advanced high-precision orbit propagator, integrating physics and engineering approaches.	RCISP, Tehran, Iran, 2014

Honors & Awards

PhD Entrance Exam: Honored as the best participant in the IASBS Ph.D. entrance exam.
MSc Entrance: Graduate full scholarship at SUT, awarded the privilege of direct admission to graduate studies without examination for top-ranked national students.