

Curriculum Vitae

Department of Physics

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Maryam Hassanvand

- **Ph. D.**, Physics, 2008-2012, ([Isfahan University of Technology](#), Isfahan, Iran)
 - **M. Sc.**, Physics, 2005-2008 ([Isfahan University of Technology](#), Isfahan, Iran)
 - **B. Sc.**, Physics, 2001-2005 ([Lorestan University](#), Khorram Abad, Iran)
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Short-term stays:

1. Advanced Meson Science Laboratory, Nishina Center for Accelerator Based Science, [RIKEN](#), Wako-shi, Saitama, Japan (June 2010-March 2011)
 2. The Abdus Salam International Center for Theoretical Physics ([ICTP](#)), Trieste, Italy (July&August 2012)
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PUBLICATIONS:

- M. Hassanvand, Y. Akaishi, T. Yamazaki, "Formation of K^+K^+pp in high-energy proton-proton collisions", [Phys. Rev. C, 84 \(2011\) 015207](#)
- T. Yamazaki, Y. Akaishi, M. Hassanvand, "The simplest double-antikaonic dibaryon system, $KKNN$, to be formed in pp collisions", [Proc. Jpn. Acad. Ser. B](#), (2011) 87, [arXiv:1106.3321](#)
- M. Hassanvand, S. Z. Kalantari, Y. Akaishi, T. Yamazaki, "Theoretical analysis of $\Lambda(1405) \rightarrow (\Sigma \pi)^0$ mass spectra produced in $p+p \rightarrow p+\Lambda(1405)+K^+$ reactions", [arXiv:1210.7725](#)
- M. Hassanvand, S. Z. Kalantari, Y. Akaishi, T. Yamazaki, "Investigation of Λ formation in $p+p \rightarrow p+K^++\Lambda(1405)$ ", [IJPR](#) (2013)

CONFERENCES:

- [New trends in low-energy QCD in the strangeness sector](#), ECT*, Trento, Italy (Oct. 2012)
- [Proceeding of Annual physics conference, Yazd](#), Iran (Sep. 2012)
- [Joint ICTP-IAEA Workshop on Nuclear Structure Decay Data: Theory and Evaluation](#), ICTP, Trieste, Italy (Aug. 2012)
- [18th Iranian Physics conference](#), Yazd, Iran (Feb. 2012)
- [5th National physics conference](#), Tabriz, Iran (Oct. 2011)
- International conference on exotic atoms and related topics, EXA2011, Wien, Austria (Sep. 2011)

- [Proceeding of Annual physics conference](#), Uromieh, Iran (Sep. 2011)
 - [Annual Japan Society of Physics](#), Niigata , Japan (Mar. 2011), canceled due to the [earthquake on 11 Mar. 2011](#)
 - [Strangeness Nuclear Physics Conference](#) (SNP10), KeK, Tsukuba, Japan (Dec. 2010)
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Research Interests

- Exotic nuclei and exotic atoms
 - Many Body Perturbation Theories
 - Hadron Physics
 - Quantum Chromo Dynamics (QCD)
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Languages:

Persian, English, German