



MINAYA ALLAHVERDIYEVA

THEORETICAL PHYSICS

 Mina Allahverdiyeva

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RELEVANT SKILLS

- AdS/QCD correspondence problems
- Holographic QCD problems
- Fluency in English, Russian
- Mathematica Wolfram
- Adobe Illustrator
- Adobe Photoshop
- Latex, TexShop
- Python

WORK EXPERIENCE



Engineer

Institute of Physics of Azerbaijan National Academy of Sciences

2016 November to 2019 March (2 years, 5 months)

Junior Researcher

Institute of Physics of Azerbaijan National Academy of Sciences

2019 March to 2022 November (2 years, 8 months)

Researcher

Institute of Physics of Azerbaijan National Academy of Sciences

2022 November- Now



Lecturer

Khazar University

2023 September-Now

EDUCATION HISTORY



Bachelor of Physics

Institution: Baku State University

Year of Graduation: 2015



Master of Theoretical And Mathematical Physics

Institute of Physics of Azerbaijan National Academy of Sciences

Year of Graduation: 2018




Doctor of Philosophy of Theoretical And Mathematical Physics

Institute of Physics of Azerbaijan National Academy of Sciences





PUBLICATIONS

- M. Allahverdiyeva, Sh. Mamedov "Vector Meson Gravitational Form Factors and Generalized Parton Distributions at finite temperature within the soft-wall AdS/QCD Model", European Physical Journal C (2023), DOI 10.1140/epjc/s10052-023-11607-7.
- Sh. Mamedov, N. Akbarova, M. Allahverdiyeva "The deuteron charge radius R_c in the framework of the hard-wall ADS/QCD model", Physics of Particles and Nuclei Letters (2023), DOI 10.1134/S1547477123060250
- N. Akbarova, M. Allahverdiyeva, Sh. Mamedov "Deuteron Gravitational Form Factors within hard-wall mode AdS/QCD, Türk Fizik Derneği 39. Ulustararası Fizik Kongresi, 31 Ağustos- 4 Eylül 2023, Bodrum, Türkiye.
- M. Allahverdiyeva, Sh. Mamedov "Generalized parton distributions and charge density for nucleon in soft-wall model", Bakı Universitetinin Xəbərləri (2023).
- M. Allahverdiyeva, N. Huseynova, Sh. Mamedov, J. Samadov "The magnetic properties of a deuteron RM from the ADS/QCD hard-wall model". The 8th International Conference on Control and Optimization with Industrial Applications (COIA 2022), 24-26 August 2022, Baku State University, Baku, Azerbaijan, pp. 99-101. program_COIA22.pdf (coia-conf.org).
- Ş. Ə. Məmmədov, M. N. Allahverdiyeva "ADS/KXD modelində vector mezonların qravitasiya form faktorları", Bakı Universitetinin Xəbərləri, No.3, (2021) 71- 77.
- Məmmədov Ş.Ə., Allahverdiyeva M.N. "ρ mezon üçün Parton paylanma funksiyası", Fizika və Astronomiyanın problemləri adlı magistrantların və gənc təşkilatçıların XXII Respublika elmi konfransı, 25 may 2023
- Nagiyev Ş.M., Allahverdiyeva M.N. "Dəyişən kütləli zərrəciyin koherent halları", Bakı Dövlət Universiteti "Fizikaya müasir baxış" mövzusunda Beynəlxalq Konfrans. 20-22 aprel, 2018.

PROJECTS

-  [WSS23] Studying behavior of simple network rewriting system
<https://community.wolfram.com/groups/-/m/t/2959571>

INTERNATIONAL CONFERENCES, SYMPOSIUMS, SCHOOLS

-  Course of the "Ettore Majorana" International School of Subnuclear Physics, 14-23 June, 2017, Erice, Sicily, Italy, <http://www.emfcsc.infn.it/issp2015/index.html> .
-  2022 "Recent Advances in Fundamental Physics", 24 September-2 October, Tbilisi, Georgia.
-  The 2023 Wolfram Summer School held June 19 – July 15, 2023 at Bentley University in Waltham, Massachusetts (Online).
-  School on Modern Amplitude Methods for Gauge and Gravity Theories, July 24 – August 4, 2023, ICTP-SAIFR (Online).