

PERSONAL INFORMATION

**Alkotbe Bashar A. MhammadHasan**



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- Google

Sex M | Place and Date of birth: Karbolaa 06/07/1982  
Nationality: Iraqi

WORK EXPERIENCE

Replace with dates (from - to)

2008-2019 Assistant Professor at Karbolaa University , In the Faculty of Science, Department of Physics , until now in Karbolaa University in Iraq .

Business or sector Educational Teaching

EDUCATION AND TRAINING

2002-2005: BA University of Babylon, Faculty of Science, Department of Physics, Iraq.  
2010-2012: MA East Ukrainian Volodymyr Dahl National University Ukrainian.  
2015-2019: PhD student Faculty of Physics of the University of Bucharest , Romania.

PERSONAL SKILLS

Mother tongue(s) Arabic

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2

Communication skills good communication skills acquired through an physics teaching.

## ADDITIONAL INFORMATION

## Publications

- 1- Monte –Carlo simulation of muon direction for particale astronomy applications ,**B. Alkotbe** , Romanuan report in physics , (2017) .
- 2- Directional Measurements of Underground Muon Flux for Astronomical Applications, **B. Alkotbe** ,AIP Conference Proceedings 2071, 040010 (2019); <https://doi.org/10.1063/1.5090077> .
- 3- A Feasibility study to track cosmic muons using a detector with sipm devices bases on amplitude discrimination , D. Stanca , **B. Alkotbe** , PACS: 01.30.-y, 01.30.Ww, 01.30.Xx , 2016, Romanian Academy Publishing House .
- 4- Muography Applications developed by IFIN-HH, Bogdan Mitrica1,**B. Alkotbe** , Journal: PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY A, Article id : RSTA20180137 ,2018.

## Conferences

- 1- Investigation of The origin of cosmic rays using astronomy observation and particle detectors, **B. Alkotbe**<sup>1</sup>, Bogdan Mitrica<sup>2</sup>, Paul Dolea<sup>3</sup>, Octavian Cristea<sup>3</sup>, 11th International Conference on Physics of Advanced Materials ,September 8-14, 2016, Cluj-Napoca, Romania .
- 2- Directional Measurements of Underground Muon Flux for Astronomical Applications, **B. Alkotbe** and Bogdan Mitrica , TIM17 Physics Conference Proceedings .
- 3- Monte-Carlo simulation of muon direction for particle astronomy applications , **B. Alkotbe** , Bogdan MITRICĂ , Denis STANCA , Mihai NICULESCU-OGLINZANU , Conference: [Bucharest University Faculty of Physics 2017 Meeting](#) .
- 4- Comparison study of gas tritium time series in different European countries during a period of more than ten years, Octavian DULIU **B. Alkotbe** , Ali Kadeem AL-KELINE , Conference: [Bucharest University Faculty of Physics 2017 Meeting](#) .

## Scientific workshops

- 1- 2017 CELLAR Meeting , Organized by IFIN-HH on November 22nd 2017,**B. Alkotbe**
- 2- Geant4 school in IFIN-HH, 14-18 November 2016 , **B. Alkotbe**  
<http://www.nipne.ro/indico/confRegistrantsDisplay.py/list?confId=334>
- 3- New applications of muon tomography, **B. CAUTISANU**<sup>2</sup>, **B. MITRICA**<sup>1</sup>, **B. Alkotbe**<sup>2</sup>, **D. STANCA**<sup>1</sup>

## Membership:

1. I had start working in IFIN-HH on 01.06.2018 -31.05.2019 in the Nuclear Physics Department, in the group of cosmic rays physics. I was concentrating on my PhD activity under the supervision of CS 1 Dr. Bogdan Mitrica .
2. Membership in IOP Institute in physics,2017 , London .
- 3 Membership in APS American Physics Society 2017 USA .

## Reports

- 1- Impact of neutrino physics in Astrophysics and Cosmology
- 2- Cosmology Investigation of The origin of cosmic rays using astronomy observation and particle detectors.
- 3- General problems in cosmic rays physics .
- 4 - Experimental techniques in cosmic ray physics .
- 5- Monte-Carlo simulation of muon direction for particle astronomy applications .
- 6- Preliminary results of the muon flux measurements performed in underground .