

## PERSONAL INFORMATION

## Narek Sahakyan



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**Sex** Male | **Date of birth** 16/09/1986 | **Nationality** Armenian

## WORK EXPERIENCE

2016- present

**Adjunct Professor of ICRANet**

International Center for Relativistic Astrophysics Network

2014 – present

**Researcher**

ICRANet Armenia, National Academy of Sciences, Yerevan, Armenia

2013 – 2014

**PostDoc**

ICRANet, Pescara-Rome, Italy

2006 – 2009

**Senior laboratory assistant**

Yerevan Physics Institute, Yerevan, Armenia

## EDUCATION AND DEGREES

2009 - 2012

**PhD in Relativistic Astrophysics**

Department of Physics, University of Rome "Sapienza", ICRANet, Italy

2009 - 2012

**PhD in Theoretical Physics**

Yerevan State University, Armenia

2007 - 2009

**Master in Physics**

Yerevan State University, Faculty of Physics, Armenia

2003 - 2007

**Bachelor in Physics, with honours**

Yerevan State University, Faculty of Physics, Armenia

## PERSONAL SKILLS

Mother tongue(s)

Armenian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Russian	C2	C2	C1	C1	C1

Communication skills

Good communication skills

Job-related skills

Proven research skills in high energy astrophysics, astroparticle physics, data analysis of astrophysical data, numerical simulations

Organisational / managerial skills	Team player Good organizational skills; Ruffini, R. and Sahakyan, N. organization of “1-st ICRANet Scientific Meeting in Armenia: Black Holes and the largest energy sources in the Universe”, 30 June - 4 July 2014 – Yerevan, ( <a href="http://www.icranet.org/index.php?option=com_content&amp;task=view&amp;id=752">http://www.icranet.org/index.php?option=com_content&amp;task=view&amp;id=752</a> , more than 80 participants from Italy, France, Germany, Brazil, China, Korea, Iran and Armenia).
Computer skills	Typesetting: Latex, Word, PowerPoint Data analysis: Mathematica, Matlab, HeaSoft package, Excel Programming language: Python, C, C++, Fortran Scientific toolkit: Geant4

## ADDITIONAL INFORMATION

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### Recent Publications

1. **Sahakyan, N.**  
“Galactic sources of high energy neutrinos: Expectation from gamma-ray data”, EPJ Web of Conferences, arXiv:1512.02333, 2015.
2. **Sahakyan, N.; Zargaryan, D.; Baghmanyanyan, V.**  
“On the gamma-ray emission from 3C 120”, A&A, 574, id.A88, 2015.
3. **Sahakyan, N.; Yang, R.; Rieger, F.; Aharonian, F.; de Ona-Wilhelmi, E.**  
“High Energy Gamma Rays from Centaurus A”, World Scientific Publishing 9789814623995, pp. 1028-1030, 2015.
4. **Sahakyan, N.; Rieger, F.; Aharonian, F.; Yang, R.; de Ona-Wilhelmi, E.**  
“On the Gamma-Ray Emission from the Core and Radio Lobes of the Radio Galaxy Centaurus A”, IJMP: Conference Series, 28, id. 1460182, 2014.
5. **Sahakyan, N.; Piano, G.; Tavani, M.**  
“Hadronic Gamma-Ray and Neutrino Emission from Cygnus X-3”, ApJ, 780, 1, 29, 2014.
6. **Sahakyan, N.; Yang, R.; Aharonian, F. A.; Rieger, F. M.**  
“Evidence for a Second Component in the High-energy Core Emission from Centaurus A?”, ApJL, 770, 1, L6, 2013.
7. **Sahakyan, N.**  
“Fermi LAT Observation of Centaurus A Radio Galaxy”, IJMP: Conference Series, 23, pp. 27-33, 2013.
8. **Yang, R.-Z.; Sahakyan, N.; de Ona Wilhelmi, E.; Aharonian, F.; Rieger, F.**  
“Deep observation of the giant radio lobes of Centaurus A with the Fermi Large Area Telescope”, A & A, 542, id.A19, 2012.
9. **Sahakyan, N.**  
“High energy  $\gamma$ -radiation from the core of radio galaxy Centaurus A”, Astrophysics, 55, 1, 2012.
10. **Sahakyan, N.**  
“On the Origin of High Energy Gamma-Rays from Giant Radio Lobes Centarus A”, IJMP: Conference Series, 12, 2012.
11. **Vissani, F.; Aharonian, F.; Sahakyan, N.**  
“On the detectability of high-energy galactic neutrino sources”, Astroparticle Physics, 34, 10, 2011.

### Conferences

Participated in the international conferences MG13, MG14, RICAP14, TEXAS 2010, Gamma 2012, etc.