

# Short Curriculum Vitae

## **Personal:**

*Family Name:* Sheikh-Jabbari,

*First Name:* Mohammad Mahdi (Shahin)

*Nationality:* Iran

*Birth day:* 04/Feb/1974

*Marital Status:* Married, No children. (My wife's name is Yasaman Farzan).

## **Contact Information:**

*Permanent institution:*

School of Physics,

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## **Professional:**

### **Present Position:**

Professor of Physics at IPM, Tehran, January 2006-Present.

Permanent member of Iranian Academy of Sciences since March 2022.

### **Past Positions:**

Associate Prof. of physics, IPM, Tehran, January 2005-January 2006.

Head of School of Physics at IPM, Aug. 2007-Oct. 2008 & Sept. 2014-Sept. 2018.

Head of Physics Branch of Iranian Academy of Sciences, Dec. 2013- April 2019 & April 2021-Now.

### **Previous Postdocs and Education:**

**Under-graduate:** Sharif University of Technology, Tehran, Iran 1991-1995.

**Graduate:** Sharif University of Technology, Tehran, Iran, 1995-(Feb.) 1998.

**First Postdoc.:** March 1998-Sep. 1999, IPM, Tehran, Iran.

**Second Postdoc.:** Sep. 1999- Sep 2001: The Abuds-Salam ICTP, Trieste, Italy.

**Third Postdoc.:** Oct. 2001- Oct 2004: ITP, Stanford University, Stanford.

## Some of Scientific Recognitions and Awards

- *Permanent member of Iranian Academy of Science*, since March 2022.
- *Editor of review section of European Journal of Physics C*, since July 2021.
- Member of *Weyl Prize Selection Committee*, since May 2017.
- Three years *Junior Research Chair in black physics*, June 2017–2020, INSF; grant no. 950124.
- *Member of International Advisory Committee of National Institute for Theoretical Physics (NITheP), South Africa, Since 2015.*
- *Simons Associate of the Abdus Salam ICTP Award*, a seven year award, 2015-2022.
- *International visiting professor*, Keyung Hee University Korea, Spring 2014.
- *Head of physics branch of Iranian Academy of science*, Dec. 2013-May 2019, and since May 2021.
- *Member of Editorial Board of European Journal of Physics C*, since Oct. 2011.
- *Associate member of Iranian Academy of science*, June 2009-March 2022.
- *Hermann Weyl Prize in Theoretical Physics 2008.*
- Chosen as *Distinguished Professor of the country*, Iran, 2008.
- *COMSTECH Award 2007 in Physics.*
- *ICTP Prize 2007,*
- *TWAS Young Scientist Prize in Developing Countries in Physics, 2006.*
- 2nd place in the *Khwarizmi International Award*, Bahman 1384 (Feb. 2006). For the project on the “A Model for Quantum Structure of Space-Time”.

## Scientific Research Publications

During the last 25 year I have published over 150 scientific papers in renown physics journals. The full list of my publications may be found [here](#) or [here](#).

## Book Authorship

Together with Daniel Grumiller, we have authored the book:

**Essentials of Black Hole Physics:  
From Collapse to Evaporation**

to be published by Springer.

## Teaching & Education Experience

I have 27 years experience of teaching various physics courses. In particular, since last 17 years I have designed and taught several advanced PhD level courses in the area of theoretical physics,

including courses on General Relativity, Quantum Field Theory, Conformal Field Theory, AdS/CFT, Black hole physics, String Theory.

I have advised eight PhD students who have been graduated and coadvised four others. I have also graduated seven MSc students. Out of these there was a PhD student in Stanford University and two Diploma students at ICTP.

### Invited Seminars and Lectures

Since 1996 I have participated over 70 conferences and workshops and visited many many universities, in several countries including US and Europe and east Asia and given talks there. I have also been keynote speaker to many conferences in the area of high energy physics.

### Organizing Seminars and Workshops

I have (co)organized over 45 national and international scientific and science-policy making workshops in Iran and also in ICTP, Trieste Italy, in Seoul (South Korea), in Yerevan (Armenia), in Istanbul (Turkey) and Johannesburg, South Africa and in BIMSA, Beijing China.

### Science Policy-making Experience

- As an associate member of Iranian Academy of science and Head of physics branch of the academy, I have been involved in several science policy making discussions and projects.
- I have led a project and conducted the research on *physics and society, science popularization*. This project was performed under Iranian Academy of Sciences.
- Member of scientific council of Iranian National Elite Foundation and was a member of the task force for preparing the document of national policies toward scientific elites.
- Referee to science ministry of Iran for the budget allocation for “physics excellence centers.”
- Coordinator of the ICTP network, NT-04. This is the scientific network, I and three other HEP-TH researchers established in 2012 to prompt scientific collaboration between my group and similar groups in Yerevan-Armenia, Turkey, Georgia and Dubna in Russia.
- Member of International Advisory Committee (CAS) of **National Institute for Theoretical Physics (NITheP)**, South Africa, since May 2015.
- Member of International Scientific Committee of Feza Gursey Institute, Bogazici University, Istanbul, since Jan. 2017.
- Member of Physics Committee of Boniad Melli Nokhbegan (Iran National Elite Foundation), since Jan. 2018.
- Member of Physics & Math committee of INSF, since Jan. 2018.
- Member of Special committee of INSF, since Oct. 2020.
- Member of Promotion of Basic Science Committee, Iranian Science Ministry, since Jan. 2021.