

POUYAN REZVANI'S RESUME

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AFFILIATION Post-doctoral researcher in the project “PAL” (Ptolemaeus Arabus et Latinus) hosted by the Bayerische Akademie der Wissenschaften, Munich, Germany; since April 1st, 2019.
Academic Member of the History of Science Dept., Encyclopaedia Islamica Foundation, Tehran, Iran; 2013-2018.

EDUCATION **Ph.D.: Utrecht University**, Mathematics Institute, GS-Natural Sciences, 2019.
Dissertation: “Two Treatises on the Astrolabe by Abū Rayḥān Muḥammad ibn Aḥmad Bīrūnī (973-1048 A.D.)”.
Promotor: Prof. Dr. Jan P. Hogendijk.

M.A.: University of Tehran, Institute for the History of Science, Astronomy in Islamic Civilization, 2011.
Thesis: “Theoretical Foundations of Sundials in Islamic Civilization with Persian Translation and Commentary on Ibn al-Haytham’s *Risāla fī al-Rukhāmāt al-Ufuqīyya* (Treatise on Horizontal Sundials)”.
Advisor: Dr. Mohammad Bagheri.

B.Sc.: University of Arak, Faculty of Science, Physics, 2009.

HONORS AND AWARDS One of the Best Alumni Since 2005 to 2012 at Institute for the History of Science, University of Tehran

FELLOWSHIPS Three-month fellowship in the project “PAL” (Ptolemaeus Arabus et Latinus) hosted by the Bayerische Akademie der Wissenschaften (Munich, Germany), June 3rd – August 28th, 2018.

PUBLICATIONS **Introduction to a Facsimile Publication:**

- *Three Treatises by Thābit ibn Qurra (Sundials, Solar and Lunar Motions, a Fourteen-Sided Solid Inscribed in a Given Sphere), a Facsimile Edition of the Manuscript*, Persian Introduction by Pouyan Rezvani, Miras-e Maktoob (written heritage) Publications with the Collaboration of Institute for the History of Science (University of Tehran), Tehran, 2014.

Articles:

- Rezvani, Pouyan, “Persian Translation of Ibn al-Haytham’s *Treatise on Horizontal Sundials* with Commentary”, *Miras-e Elmi-ye Eslam*

va Iran, vol. 5, no. 2, Tehran, 2016-2017, pp. 141-177;

- Hamid-Reza Giahi Yazdi and Pouyan Rezvani, “Chronology of the Events of the Samarqand “Observatory and School” Based on some Old Persian Texts: a Revision”, *Suhayl* (International Journal for the History of Exact and Natural Sciences in Islamic Civilisation), vol. 14, Barcelona, 2015, pp. 145-165;
- Rezvani, Pouyan, “Two Early Persian Texts on Shadow Schemes and the Regulation of Prayer Times”, *Suhayl* (International Journal for the History of Exact and Natural Sciences in Islamic Civilisation), vol. 13, Barcelona, 2014, pp. 119-147;

Reviews:

- Rezvani, Pouyan, “A Review on *Islamic Astronomical Tables, a Collection of Papers by Benno van Dalen*”, *Miras-e Elmi-ye Eslam va Iran*, vol. 2, no. 2, Tehran, 2013-2014, pp. 147-149 (Persian);
- Rezvani, Pouyan, “A Review on *SUHAYL* (International Journal for the History of Exact and Natural sciences in Islamic Civilisation)”, *Miras-e Elmi-ye Eslam va Iran*, vol. 1, no. 1, Tehran, 2012, pp. 126-135 (Persian);
- Isahaya, Yoichi and Pouyan Rezvani, “A Review on the Book: *Cultural Exchanges in Astrology*,” *Ketāb-e māh-e ‘Olōm va Fonōn*, vol. 51, Tehran, 2011, pp. 62-67 (Persian);
- Rezvani, Pouyan, “A Review on the Book: *Aristarchus of Samos, the Ancient Copernicus*,” *Ketāb-e Māh-e ‘Olōm va Fonōn*, vol. 34, Tehran, 2008, pp. 503-509 (Persian).

Encyclopedia and Dictionary Entries:

- Rezvani, Pouyan, Astronomical Entries of *The Comprehensive Dictionary of Persian Language (Farhang-e Jāmi‘-e Zabān-e Fārsī)*, vol. 2, The Academy of Persian Language and Literature (Farhangistān-e Zabān va Adab-e Fārsī), Tehran, 2017;
- Rezvani, Pouyan, “Zeydī Huseynī, *Sharīf Huseyn*”, *Encyclopedia of the world of Islam*, Encyclopaedia Islamica Foundation, Tehran, 2018;
- Rezvani, Pouyan, “Zamīn” (The Earth), *Encyclopedia of the World of Islam* (Dāneshnāme-ye Jahān-e Eslām), vol. 21, Encyclopaedia Islamica Foundation, Tehran, 2017;
- Hamid-Reza Giahi Yazdi and Pouyan Rezvani, “Raṣād va Raṣād *Khānehāye Dowre-ye Eslāmī*” (Observation and Observatories in Islamic Period), *Encyclopedia of the world of Islam*, vol. 20, Encyclopaedia Islamica Foundation, Tehran, 2016;
- Rezvani, Pouyan, “Rūz” (Day), *Encyclopedia of the world of Islam*, vol. 20, Encyclopaedia Islamica Foundation, Tehran, 2016;
- Rezvani, Pouyan, “Zuḥal” (Saturn), *Encyclopedia of the world of Islam*, vol. 21, Encyclopaedia Islamica Foundation, Tehran, 2017;
- Giahi Yazdi, Hamid-Reza and Pouyan Rezvani, “Raṣād *Khāne-ye Marāgha*” (The Marāgha Observatory), *Encyclopedia of the world of Islam*, vol. 20, Encyclopaedia Islamica Foundation, Tehran, 2016;

- Giahi Yazdi, Hamid-Reza and Pouyan Rezvani, Raṣad *Khāneye Samarqand* (The Samarqand Observatory), *Encyclopedia of the world of Islam*, vol. 20, Encyclopaedia Islamica Foundation, Tehran, 2016;
- Rezvani, Pouyan, “Sā‘at-e Āftābī” (The Sundial), *Encyclopedia of the world of Islam*, Encyclopaedia Islamica Foundation, Tehran, in print;
- Rezvani, Pouyan, “Raqqī, Abū al-Qāsim”, *Encyclopedia of the world of Islam*, vol. 20, Encyclopaedia Islamica Foundation, Tehran, 2016.

Translations (English into Persian):

- Rezvani, Pouyan, “The Equation of Time – Early Days”, Kevin Karney, *Miras-e Elmi-ye Eslam va Iran*, vol. 5, no. 2, Tehran, 2016-2017, pp. 24-34;
- Rezvani, Pouyan, “An Arabic Supernova SN 1006 by Ibn Sīna (Avicenna)”, R. Neuhäuser, C. Ehrig-Eggert, and P. Kunitzsch, *Miras-e Elmi-ye Eslam va Iran*, vol. 4, no. 2, Tehran, 2015-2016, pp. 35-47;
- Rezvani, Pouyan, “A Survey of Research in the Mathematical Sciences in Medieval Islam from 1996 to 2011”, Glen Van Brummelen, *Miras-e Elmi-ye Eslam va Iran*, vol. 3, no. 2, Tehran, 2014-2015, pp. 3-60;
- Rezvani, Pouyan, “Shared Identities: the Construction of the Islamic Community through the Mobility of Knowledge”, Monica Rius-Piniés, *Miras-e Elmi-ye Eslam va Iran*, vol. 3, no. 1, Tehran, 2014, pp. 88-96;
- Rezvani, Pouyan, “Yvonne Dold-Samplonius”, Jan P. Hogendijk, *Miras-e Elmi-ye Eslam va Iran*, vol. 3, no. 1, Tehran, 2014, pp. 146-151;
- Rezvani, Pouyan, “Gravity of Modernity, Reactions to the “New Astronomy” in Iran and Japan”, Yoichi Isahaya, *Miras-e Elmi-ye Eslam va Iran*, vol. 2, no. 2, Tehran, 2013-2014, pp. 72-90;
- Rezvani, Pouyan, “How I was Attracted to Islamic Period Astronomy (Prof. David. A. King’s Preface to his Collected Works on Islamic Astronomy)”, *Miras-e Elmi-ye Eslam va Iran*, vol. 2, no. 1, Tehran, 2013, pp. 27-34;
- Rezvani, Pouyan, “A Review on a New Book of David. A. King: *Islamic Astronomy and Geography*”, *Newsletter of Institute for the History of Science*, vol. 9, University of Tehran, 2013, pp. 16- 20;
- Giahi Yazdi, Hamid-Reza, “Naṣīr al-Dīn al-Ṭūsī on Lunar Crescent Visibility and an Analysis with Modern Altitude-Azimuth Criteria”, *Ustad-e Bashār, Essays on the Life, Times, Philosophy and Scientific Achievements of Khwājah Naṣīr al-Dīn al-Ṭūsī*, Selected and Edited by: Hossein Masoumi Hamedani and Mohammad Javad Anvari, Tehran, 2012, pp. 471- 483;
- Rosenfeld, B. A., “Sundials in Islam”, *Newsletter of Institute for the History of Science*, vols. 6 & 7, University of Tehran, 2011, pp. 41-43;
- Pingree, David, “The Persian Observation of the Solar Apogee in CA.

A. D. 450”, *Newsletter of Institute for the History of Science*, vols. 6 & 7, University of Tehran, 2011, pp. 52- 53.

**PRESENTATIONS
AND INVITED
LECTURED**

Presentations:

- Rezvani, Pouyan, “Teaching the History of Science in Iran”, Max Planck Institute for the History of Science, Berlin, Germany, 30 June – 1 July 2014;
- Rezvani, Pouyan, “The Birth of Astronomical Timekeeping in Islamic Period”, Institute for Wisdom and Philosophy, Tehran, Iran, 9 April 2014;
- Rezvani, Pouyan and Hamid-Reza Giahi Yazdi , “Dating the events of the Samarqand observatory and School Based on Some Old Persian Texts: A Revision”, University of Kastamonu, Turkey, 13-15 November 2013;
- Rezvani, Pouyan, “The Role of *‘Ilm al-Mīqāt* in the Progress of Making Sundials in the Islamic Civilization”, (as a remote contributor), University of Manchester, United Kingdom, 21-28 July 2013;
- Rezvani, Pouyan, “A Survey of the Use of a Gnomon for Determining the Muslims’ Prayer Times Based on the 27th Chapter of the Book *Yawāqītul-‘ulūm wa Darāriun- Nujūm*”, University of Tehran, Iran, 26 June 2013;
- Rezvani, Pouyan, “Sundials in the Pre-Islamic Iran”, Astronomical Society of Thāqib, Rasht, Iran, 16 November 2012.

Workshops:

- Rezvani, Pouyan, “A Brief History of Islamic Sundials and Making a *Mukhula*”, Friedrich Schiller University, Faculty of Physics and Astronomy, Jena, Germany, 17 November 2016;
- Rezvani, Pouyan, “A Brief History of Islamic Sundials and Making a *Mukhula*”, Third International Summer School, Prof. Dr. Fuat Sezgin Research Foundation for the History of Science in Islam, Istanbul, Turkey, 25 August 2014;
- Rezvani, Pouyan, “A Brief History of Islamic Sundials and Making a *Mukhula*”, Institute for The History of Science, University of Tehran, Iran, 13 November 2012;
- Rezvani, Pouyan, “A Brief History of Islamic Sundials and Making a *Mukhula*”, University of Bū ‘Alī, The Faculty of Science, Hamedan, Iran, 24 May 2012;

LANGUAGES

Persian: Native Language

English: Advanced

Arabic: Elementary listening, speaking and writing abilities; expert reading abilities

Greek: Elementary reading ability

OTHER

Music: Violin Player