



## CURRICULUM VITAE

SEYYED MILAD HASHEMI SARVANDI, PhD

Assistant Professor, since 2020

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**RESEARCH INTERESTS:** Paleolithic Archaeology of Iran and Southwest Asia, Lithic Analysis, Multivariate Statistics in Archaeology

### **Educational Background:**

Post-Doc in Paleolithic Archaeology, TMU University, 2019  
PhD in Prehistoric Archaeology, TMU University, 2018  
MA in Prehistoric Archaeology, TMU University, 2013  
BA in Archaeology, Golestan Inst. and UMA University, 2011

### **AWARDS:**

Ranked 1<sup>st</sup> in Associate Degree to BA entrance examination, 2009  
Ranked 15<sup>th</sup> in BA to MA entrance examination, 2011  
Ranked 2<sup>nd</sup> in MA to PhD entrance examination, 2013  
Ranked 1<sup>st</sup> among the Archaeology graduated students, 2018

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### **PUBLICATIONS**

Book(s):

**HASHEMI**, S.M., and Vahdati Nasab, H., 2019. *Human Osteoarchaeology: Instructions on how to deal with human remains in Archaeology*. Tehran: Neda-ye Tarikh.

**HASHEMI**, S.M., XX. *Field Research in Iranian Paleolithic Archaeology*. Tehran: RICHT (in Prep.).

Papers:

**HASHEMI**, S.M., and F. Jajarmi. 2013. Investigation of the symbol of seven globes recorded from Persepolis Fortification tablets. In: *Proceedings of The First National Conference on the Archaeology of Iran*, held in May 2013, University of Birjand (in Farsi).

Jajarmi, F., and S.M. **HASHEMI**. 2013. Biological Changes in human populations accompanying agriculture during Neolithic Period. In: *Proceedings of the first national Congress on Iranian Quaternary*, held in 2013, University of Tehran, Iran (in Farsi).

**HASHEMI**, S.M., and H. Vahdati Nasab. 2013. Reduction Thesis and its significance in Archaeology (special focus on side scrapers). *Modares Archaeological Journal* 9-10(5): 18-37 (in Farsi).

**HASHEMI**, S.M., and H. Vahdati Nasab. 2014. Investigation of reduction intensity of side scrapers recovered from Komishan Cave, Mazandaran. *Pazhoheshha-ye Bastanshenasi Iran* 6(4): 27-46 (in Farsi).

Vahdati Nasab, H., and **HASHEMI**, S.M., Razi, S., et al., 2014. Playas and Middle Paleolithic Settlements at the Iranian Central Desert. In: *Proceedings of the Middle Paleolithic in the Desert II conference, Bordeaux, FR, December of 2014*.

**HASHEMI**, S.M., 2015. Mary Leakey, the grande dame of Paleoanthropology (a concise scientific biography). *Marlik Journal* (in Farsi).

Vahdati Nasab, H., and S.M. **HASHEMI**. 2016. The first humans in Iran. *Quarterly Journal of Iranian Studies* 2(2): 9-30 (in Farsi).

Vahdati Nasab, H., and S.M. **HASHEMI**. 2016. Playas and Middle Paleolithic settlement of the Iranian Central Desert: The discovery of the Chah-e Jam Middle Paleolithic site. *Quaternary International* 408 (part B): 140-152.

**HASHEMI**, S.M. 2016. Hunter-Gatherers' Adaptive Strategies in different Biomes during Pleistocene. *Quaternary Journal of Iran* 2(7): 271-304 (in Farsi).

**HASHEMI**, S.M., and Vahdati Nasab, H., Berillon, G., et al. 2017. The Late Pleistocene in the Northern fringes of Iranian Central Desert and the Formation of Archaeological Sites; Case Study: Mirak, Semnan. *Quaternary Journal of Iran* 3(4): 405-430 (in Farsi).

Vahdati Nasab, H., Roustaei, K., Ghamari Fatideh, M., Shojaeifar, F., & S.M. **HASHEMI**. 2017. The first evidence for Late Pleistocene hominin populations on the southern Caspian Sea coast. *Antiquity* 91(355): electronic version.

Vahdati Nasab, H., and S.M. **HASHEMI**. 2018. Chah-e Jam, a Paleolithic Site on the South of Damqan. *Pazhoheshha-ye Bastanshenasi Iran* 16(8): 7-26 (in Farsi).

Jamet, G., Akhavan Kharazian, M., Guerin, G., **HASHEMI**, S.M., et al. 2018. Pedosedimentary evolution and site formation processes in Mirak mound number 8, south of Semnan. In: *Proceedings of the First International Congress on Iranian Quaternary*, held in Jan of 2018, Research Institute for Earth Sciences (RIES), Tehran (in Farsi).

Akhavan Kharazian, M., Jamet, G., Puaud, S., Heydari, M., Guerin, G., **HASHEMI**, M., Vahdati Nasab, H., and G. Berillon. 2019. Geological-archeological study of the Mirk area (Semnan, Iran) using sedimentological and physico-chemical analyses. *Quaternary Journal of Iran* 4(3): 273-290 (in Farsi).

**HASHEMI**, S.M., 2019. A Review of the Book "The Paleolithic Settlement of Asia". *Critical Studies in Texts & Programs of Human Sciences* 20(6): 389-414 (in Farsi).

Jayez, M., **HASHEMI**, S.M., Nateghi, A., et al., 2019. Anzo: The First Evidence of Paleolithic Cave Sites in the Northern Margin of the Iranian Central Desert, Semnan, Iran. *Archaeology* 7(1): 1-5.

Vahdati Nasab, H., Berillon, G., Jamet, G., **HASHEMI**, S.M., et al. 2019. The Open-Air Paleolithic Site of Mirak, Northern Edge of the Iranian Central Desert (Semnan, IRAN): Evidence of repeated human occupations during the late Pleistocene. *Comptes Rendus Palevol* 18(4): 465-478.

Vahdati Nasab, H., Berillon, G., Jamet, G., **HASHEMI**, S.M., et al. 2019. Mirak Paleolithic Site (Semnan): Preliminary results from two seasons of excavations in 2015 and 2016. *Archaeology* (the journal of ICAR) 1: 1-16 (in Farsi).

Kamrani Dalir, H., Maghsoudi, M., and S.M. **HASHEMI**. 2019. The effect of environmental factors on the location of archaeological sites in the vicinities of the paleo-lakes in northern *Dasht-e Kavir* (during Pleistocene). *Quaternary Journal of Iran* 5(2): 263-277 (in Farsi).

Nateqi, A., **HASHEMI**, S.M., Abdollahi, A., et al. 2020. Quaternary Deposits and the Paleolithic Sites on the Northern Edge of Iranian Central Desert: Introduction of the Newly-found Paleolithic Sites of Shour-e Qazi and Sar-Darreh. *Quaternary Journal of Iran* 6(5): 153-183 (in Farsi).

**HASHEMI**, S.M., Vahdati Nasab, H., and G. Berillon. 2020. A Diachronic study on the Morphology of Mirak Lithic Tools using 3D Geometric Morphometrics and Multivariate Analysis. *Quaternary Journal of Iran* 6(3): 343-367 (in Farsi).

Vahdati Nasab, H., Nikzad, M., Jayez, M., **HASHEMI**, S.M., et al. 2020. Komishan Cave: A Mesolithic Site in the North of Iran, Mazandaran. *Ancient Near Eastern Studies* 57: 97-125.

Heydari, M., Guérin, G., Kreutzer, S., Jamet, G., Akhavan Kharazian, M., **HASHEMI**, S.M., Vahdati Nasab, H., and G. Berillon. 2020. Do Bayesian methods lead to more precise 1 chronologies? 'BayLum' and a first OSL-based chronology for the Palaeolithic open-air site of Mirak (Iran). *Quaternary Geochronology* 59: 101082.

**HASHEMI**, S.M., 2021. A Critique on the Book "From Arabia to the Pacific: How Our Species Colonised Asia". *Critical Studies in Texts & Programs of Human Sciences* 21(8): 435-460 (in Farsi).

**HASHEMI**, S.M., Vahdati Nasab, H., Berillon, G., and M. Oryat. 2021. An investigation of the flake-based lithic tool morphology using 3D geometric morphometrics: A case study from the Mirak Paleolithic Site, Iran. *Journal of Archaeological Science: Reports* 37: 102948.

**HASHEMI**, S.M., Vahdati Nasab, H., and G. Berillon. 2021. 3-D geometric morphometric study of the retouched tools found from Mirak Paleolithic site. In: *Proceedings of the second International Conference on Quaternary Sciences*, held in Sep 2021, Gorgan University of Agricultural Sciences and Natural Resources.

Vahdati Nasab, H., Berillon, G., **HASHEMI**, S.M., et al. 2021. Qaleh Kurd Cave: a Middle Paleolithic Site with human remains, Avaj, Qazvin. *Archaeological Report Monographs* (Paleolithic of Iran I), S. Heydari-Guran, E. Ghasidian (eds.), 2(7): 22-34 (in Farsi).

Shoaei, M.J., Vahdati Nasab, H.,... **HASHEMI**, S.M., et al. xx. Earliest Initial Upper Paleolithic Occupations in the Zagros Mountains: evidence from Pebdeh Cave, Khuzistan. (submitted to *Nature*).

Akhavan, M., Jamet, G., Puaud, S., Vahdati Nasab, H., **HASHEMI**, S.M., et al. xx. First geoarchaeological study of a Palaeolithic site in the northern edge of the Iranian Central Desert: Mirak (Semnan, Iran). *Journal of Arid Environments* (submitted).

Shoaei, M.J., Breeze, P., **HASHEMI**, S.M., Vahdati Nasab, H., et al. xx. Hominin Occupations in the Iranian Plateau: An examination of the Distribution of Lower to Upper Paleolithic Sites. (in prep. For *PlosOne*).

#### POSTER:

Jamet, G., and G. Berillon, A. Asgari Khaneghah, H. Vahdati Nasab, S.M. **HASHEMI**, J.-J. Bahain, P. Antoine, V. Zeitoun. 2016. The Middle Palaeolithic Open-air site of Mirak (Semnan Province, Iran): Sedimentary Environments, Climate Record, and age. *Poster presented for the Colloque Paléoclimats & environnements quaternaires: quoi de neuf sous le soleil?*, 16-18<sup>th</sup> February 2016, Université Bordeaux. (In French).

#### RESEARCH PROJECTS:

Collaboration in Physical Anthropology Project, Research Institute for Cultural Heritage & Tourism. Executor: Dr. Hamed Vahdati Nasab, 2016.

Co-director of the 2<sup>nd</sup> season of Excavation in Qaleh Kurd Cave, Qazvin, 2019.

Director of the 1<sup>st</sup> season of systematic field survey in Eyvanekey area, Garmsar County, Semnan, 2021-2022.

Executor of the research project "Investigation of the Paleolithic landscapes between Jajrud and Eyvanekey alluvial fans to evaluate one of the human dispersal corridors within the Iranian Plateau during the Pleistocene", INSF, 2021-2023.

#### FIELD EXPERIENCE:

Participation in the excavation at Andabil Cattle, Ardebil Province, Director: Mir Rouhollah Mohammadi, 2008.

Participation in the excavation at Lama Cemetery, Kohgiluyeh and Boyer-Ahmad Province, 2012.

Assistant director of the field Survey entitled: "the Paleolithic investigation in the northern fringes of the Iranian Central Desert, Damqan County, Semnan Province". Director: Dr. Hamed Vahdati Nasab, Summer Of 2014.

Participation in the excavation at Kaldar Cave, Luristan Province, Iranian-Spanish expedition. Directors: Dr. Behrouz Bazgir, Dr. Mozghan Jayez, Winter of 2014.

Assistant director of the 1<sup>st</sup> season of excavation at Mirak Paleolithic Site, Semnan. Director: Dr. Hamed Vahdati Nasab, Summer Of 2015.

Assistant director of the 2<sup>nd</sup> season of excavation at Mirak Paleolithic Site, Semnan. Co-directors: Dr. Hamed Vahdati Nasab, Dr. Gilles Berillon, Summer Of 2016 (Franco-Iranian Paleoanthropological Project: FIPP).

Participation in the Paleolithic field survey at Northern Semnan, Semnan Province, Director: Dr. Mozhgan Jayez, summer of 2017.

Assistant director of the 3<sup>rd</sup> season of excavation at Mirak Paleolithic Site, Semnan. Co-directors: Dr. Hamed Vahdati Nasab, Dr. Gilles Berillon, Autumn of 2017 (Franco-Iranian Paleoanthropological Project: FIPP).

Assistant director of the 1<sup>st</sup> season of excavation at Qaleh Kurd Cave, Avaj, Qazvin. Co-directors: Dr. Hamed Vahdati Nasab, Dr. Gilles Berillon, Summer of 2018 (Franco-Iranian Paleoanthropological Project: FIPP).

Co-Director of the 2<sup>nd</sup> season of excavation at Qaleh Kurd Cave, Avaj, Qazvin. Co-directors: Dr. Hamed Vahdati Nasab, Dr. Gilles Berillon, Dr. M. Hashemi, Summer of 2019 (Franco-Iranian Paleoanthropological Project: FIPP).

Participation in the excavation at Pebdeh Cave, Khuzistan Province, Director: Dr. Hamed Vahdati Nasab, Summer of 2019.

Director of the Project "Reconnaissance field Survey in the area between Jajrud and Eyvanekey alluvial fans to find potential Paleolithic landscapes", Eyvanekey, Semnan, Autumn of 2021, Winter of 2022.

#### OTHER:

Translation to Farsi: Khazanov, A., 2009. Specific Characteristics of Chalcolithic and Bronze Age Pastoralism in the Near East. In: *Nomads, Tribes and the State in the Ancient Near East*, J. Szuchman (Organizer), pp. 119-127. Illinois: The Oriental Institute of the University of Chicago. Published in *Marlik 2*: 23-32 (2012).

Translation to Farsi: Daems, A., and K. Croucher. 2007. Artificial Cranial Modification in Prehistoric Iran: Evidence from Crania and Figurines. *Iranica Antiqua XLII*: 1-21. Published in *Marlik 3,4*: 12-25 (2012).

Editor-in-chief of Modares Archaeological Journal

Former editorial board member of Modares Archaeological Journal

Participation in the project of a documentary on the biography of Abu Rayhan al-Biruni as a guide and expert in the field of archeology; Producers and directors: Dr. Noémie Verdon and Vladimir Lonchar. University of Lausanne, Switzerland. Summer of 2012. Documentary title: *Al-Bîrûnî, la plume des envahisseurs*, Suisse, Université de Lausanne (UNIL), 2013.

Sabbatical fellowship of "multidisciplinary studies in archaeology", Musée de l'Homme and Institut de paléontologie humaine (IPH), Paris, 2017/2018.

#### TEACHING EXPERIENCE:

Amateur Astronomy, at Thaqib Astronomy Association, Rasht

Archaeology courses at Tarbiat Modares University (MA and PhD students), since 2018. 1. the origins and evolution of urbanism in Iranian Plateau; 2. The prehistory of Mesopotamia from the Neolithic to the dawn of urbanism; 3. Mesopotamia during the 2<sup>nd</sup> and 1<sup>st</sup> millennia; 4. Interactions of Southwest Asian civilizations during the historic periods; 5. Mesopotamia and

the Near East during Paleolithic Period; 6. Paleolithic of Iran; 7. Multidisciplinary Science in Archaeology; 8. Systematic survey of Iranian ancient material culture; 9. Ecological studies in Archaeology; 10. The origins and evolution of Neolithic in Iranian Plateau and the neighboring regions; 11. The typology and classification of Lithic and Ceramic artifacts during Paleolithic and neolithic periods in Iranian Plateau; 12. The origins and evolution of Neolithic in Southwest Asia.

#### THESIS SUPERVISION

Student: Chenour Seyyedi; subject: Investigation on the archaeological evidence of the rituals within the Iranian Plateau during the Neolithic and Chalcolithic Periods, 2022.