

HASAN UMUT

Boğaziçi University, Department of History

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CURRENT EMPLOYMENT

- 2022-...** Assistant Professor, Boğaziçi University, Department of History
- 2022-...** Associate Dean, Boğaziçi University, Faculty of Arts and Sciences

EDUCATION

- 2020** Ph.D. in Islamic Studies, McGill University, Institute of Islamic Studies, Montreal, Canada
- Dissertation Title:* "Theoretical Astronomy in the Early Modern Ottoman Empire: 'Alī al-Qūshjī's *al-Risāla al-Fathīyya*"
- Dissertation Committee:* F. Jamil Ragep (supervisor), Robert Wisnovsky, Eran Tal, Ashlan Gürbüz, and Jonathan Wild
- 2011** MA in History, Istanbul Bilgi University, Istanbul, Turkey
- Thesis Title:* "Ismail Gelenbevi at the Engineering School: The Ottoman Experience of European Science through Logarithms"
- Thesis Committee:* M. Erdem Kabadayı (supervisor), Suraiya Faroqhi, and Tuncay Zorlu
- 2009** BSc in Industrial Engineering, Boğaziçi University, Istanbul, Turkey

FIELDS OF RESEARCH

History of Astronomy (Medieval and Early Modern Periods), Sciences in Islamic Societies, Ottoman Science, Ottoman and Islamic Intellectual History, Islamic Manuscript Culture, and Scientific Instruments.

PUBLICATIONS

Book Chapters

- 2020** "Matematik Bilimlerine Meraklı Bir Âlim: Cârullah Efendi Koleksiyonu'nun Söyledikleri (A Scholar Interested in the Mathematical Sciences: What the Cârullah Efendi Collection Tells Us)." In *Osmanlı Kitap Kültürü: Carullah Efendi Kütüphanesi ve Derkenar Notları [Ottoman Book Culture: The Carullah Efendi Library and Its Marginalia]*, edited by Berat Açıl, revised 2nd ed. 413-29. Istanbul: ILEM Yayınları.
- 2019** (with David Pantalony) "From the Ottoman Empire to Canada: George Petrovic's Metrological Instruments in the Canada Science and Technology Museum." In *Scientific Instruments between East and West*, edited by Neil Brown, Silke Ackermann and Feza Günergun, 187-205. Leiden & Boston: Brill.
- 2019** (with F. Jamil Ragep, Sally P. Ragep, Sajjad Nikfahm-Khubravan, and Fateme Savadi) "Astronomical and Other Mathematical Sciences." In *Treasures of Knowledge: An Inventory of the Ottoman Palace Library (1502/3-1503/4) (2 vols)*, edited by Gülru Necipoğlu, Cemal Kafadar and Cornell H. Fleischer, 823-55. Leiden & Boston: Brill.
- 2018** "Veliyyüddin Cârullah Efendi'nin Derkenar Notlarında Teorik Astronomi (Theoretical Astronomy in Veliyyüddin Cârullah Efendi's Marginalia)." In *Sahn-ı Semân'dan Dârülfünûn'a: Osmanlı'da İlim ve Fikir Dünyası (Âlimler, Müesseseler ve Fikrî Eserler)- XVIII. Yüzyıl [From Sahn-ı Semân to Dârülfünûn: The Ottoman World of Science and Thought (Scholars, Institutions and Scholarly Works)- 18th Century]*, edited by Ahmed Hamdi Furat, Nilüfer Kalkan Yorulmaz, and Osman Sacid Arı, vol. 2, 179-99. Istanbul: Zeytinburnu Belediyesi Kültür Yayınları.
- 2015** "Risâle der İlm-i Hey'e'den el-Fethiyye'ye: Bir Metnin Osmanlı Dünyasında Dönüşümü (From *Risâlah dar 'ilm al-hay'ah* to *al-Fathîyya*: The Transformation of a Text in the Ottoman World)." In *Osmanlı'da İlim ve Fikir Dünyası: İstanbul'un Fethinden Süleymaniye Medreselerinin Kuruluşuna Kadar [The Ottoman World of Science and Thought: From the Conquest of Istanbul to the Establishment of Suleymaniye Madrasa]*, edited by Ömer Mahir Alper and Mustakim Arıcı, 215-25. Istanbul: Klasik Yayınları.
- 2014** "Refuting Atomism in *al-Ishârât* Tradition." In *Uluslararası 13. Yüzyılda Felsefe Sempozyumu Bildirileri [Proceedings of the International Symposium on Philosophy in the 13th Century]*, edited by Murat Demirkol and M. Enes Kala, 606-25. Ankara: Yıldırım Beyazıt Üniversitesi İnsan ve Toplum Bilimleri Fakültesi Yayınları.
- 2013** "Travmatik Bir Karşılaşma: Osmanlılar'da İlk Mühendishane Deneyimi (A Traumatic Encounter: The Ottomans' First Experience of the Engineering School)." In *Gelenek ve*

Modernlik Arasında: Bilgi ve Toplum [Between Tradition and Modernity: Knowledge and Society], edited by M. Hüseyin Mercan, 359- 81. Istanbul: Yedirenk Yayınları.

Encyclopedia Entries

- 2017** Following entries for *İslam Düşünce Atlası (The Atlas of Islamic Thought)* on www.islamdusunceatlası.org.
- El-Bettânî, Bûzcânî, el-Zehrâvî, İbnü'z-Zerkâle, Câbir b. Eflah, El-Bitrûcî, Ömer Hayyâm, Yahyâ el-Mağribî, Siracüddîn Secâvendî, Şerefüddîn et-Tûsî, Çağminî, İbn Fellûs, Müeyyedîn el-Urdî, Muhyiddîn el-Mağribî, Kemâleddîn Fârisî, İbnü'ş-Şâtır, El-Kâşî, Uluğ Bey, Fenârizâde Ali Çelebi, Gelenbevî İsmâîl Efendi, Vidinli Hüseyin Tevfik Paşa, Sâlih Zeki.
- 2016** "Sabra, Abdülhamîd İbrâhim." In *TDV İslam Ansiklopedisi [TDV Encyclopedia of Islam]*, suppl. 2, 439-41. Istanbul: Diyanet Vakfı Yayınları.
- 2014** "Ismail Gelenbevi." In *The Oxford Encyclopedia of Philosophy, Science, and Technology in Islam*, edited by İbrahim Kalın et al., vol. 1, 247- 48. New York: Oxford University Press.

Book Reviews

- 2021** "Andrew Ede & Lesley B. Cormack. *A History of Science in Society: From Philosophy to Utility*. 3. Baskı. Toronto: University of Toronto Press, 2017. xvi+437 s. ISBN: 978-1-4426-3499-2." *Ankara Üniversitesi İlahiyat Fakültesi Dergisi* 62, no. 2 (2021): 613-18. (In Turkish)
- 2020** "Sonja Brentjes. *Teaching and Learning the Sciences in Islamicate Societies (800-1700)*." *İlahiyat Studies: A Journal on Islamic and Religious Studies* 11, no. 1 (Winter/Spring 2020): 147-50.
- 2019** "Daniel A. Stolz. *The Lighthouse and the Observatory: Islam, Science, and Empire in Late Ottoman Egypt*. Cambridge University Press, 2018." *The Maydan: An Online Publication of Ali Vural Ak Center for Global Islamic Studies at George Mason University*.
- 2017** "Stephen P. Blake. *Astronomy and Astrology in the Islamic World*. Edinburgh: Edinburgh University Press, 2016. ix + 163 pages." *Divan Disiplinlerarası Çalışmalar Dergisi* 22, No. 43 (2017): 128-134. (In Turkish)
- 2016** "Miri Shefer-Mossensohn. *Science among the Ottomans: The Cultural Creation and Exchange of Knowledge*. Austin: University of Texas Press, 2015. xvi + 246 pages, preface, note on transliteration, notes, bibliography, index. Cloth US\$ 55.00 ISBN: 978-1-4773-0359-7." *Review of Middle East Studies* 50/2 (2016): 216-19.

- 2015** “Andrei Pippidi. *Visions of the Ottoman World in Renaissance Europe*. London: Hurst & Company, 2012. ix+283 pages, ISBN: 9781849041997.” *Insight Turkey* 17/1 (2015): 283.
- 2014** “Ahmad Dallal. *Islam, Science, and the Challenge of History*. New Haven & London: Yale University Press, 2010. 239 pages, ISBN-10: 0300177712.” *Nazariyat Journal for the History of Islamic Philosophy and Sciences* 1/1 (2014): 197-202 (Turkish version) and 191-96 (English version).

PRESENTATIONS & LECTURES & TALKS

- 2022** “Osmanlı Astronomisinde Farsça Eserlerin Önemi: Ali Kuşçu’nun *Risâle der ilm-i hey’e’si* Örneği (The Importance of Persian Works in Ottoman Astronomy: The Case of ‘Alî Qūshjî’s *Risâlah dar ‘ilm-i hay’ah*).” *III. Uluslararası Osmanlı Araştırmaları Kongresi* (3rd International Congress on Ottoman Studies), Istanbul Medeniyet University, September 7, 2022.
- 2022** “Celaleddin Suyuti’nin Osmanlı Kozmolojisi’ne Etkisi (The Influence of Jalâl al-Dîn al-Suyûtî on Ottoman Cosmology).” Samsun University, June 2, 2022.
- 2022** “Semerkant Astronomi Okulu ve Bilim Tarihi Açısından Önemi (The Samarqand Astronomy School and Its Importance in the History of Science).” Mardin Artuklu University, May 25, 2022.
- 2022** “Mühendishane Müfredatında Astronomi: Başhoca İshak Efendi ve *Mecmûa-i Ulûm-i Riyâziyye*’si (Astronomy in the Engineering School Curriculum: Başhoca İshak Efendi and His *Mecmûa-i Ulûm-i Riyâziyye*).” *Sahn-ı Seman’dan Dârülfünûn’a Osmanlı’da İlim ve Fikir Dünyası VI: Dârülfünun ve Yükseköğretimin Yeniden Şekillenmesi* [Symposium on the Ottoman World of Science and Thought from the Establishment of Sahn-i Seman to Darulfunun IV: Darulfunun and the Reconfiguration of Higher Education], May 13, 2022.
- 2022** “İlahiyat Disiplinleri ve Bilim Tarihi: Etkileşim Noktalarına Yönelik Tarihsel Bir Gözlem (Religious Studies and the History of Science: A Historical Remark on Their Interaction).” Institute of Islamic Studies, University of Istanbul, March 4, 2022.
- 2022** “Ottoman Religious Politics in the Confessional Age.” *W’OTSAP in Ottoman and Turkish Studies?*, Ottoman and Turkish Studies Association, February 28, 2022. (Together with Tijana Krstić, Derin Terzioğlu, Polina Ivanova, Emese Muntan, Anna Ohanjanyan, and Nir Shafir)
- 2022** “The Confessional Turn in Early Modern Ottoman Cosmology.” *Science Across Regions in Asia*, Consortium for History of Science, Technology and Medicine, February 25, 2022.

- 2021** “Students as Agents in the Development of ‘Alī al-Qūshjī’s *al-Risāla al-Faṭḥiyya*: Astronomy Education in Ottoman Constantinople.” *Astronomical Handbooks, Tables, and Education in Islamic Societies*, 26th International Congress of History of Science and Technology, Prague, July 30, 2021.
- 2021** “Harizm'den Gazne'ye: Bîrunî'nin Bilim Mirasına Genel Bir Bakış (From Khwarazm to Ghazni: An Overview of Bîrûnî's Scientific Legacy).” Gazi University, May 21, 2022.
- 2020** “The Making of a Scientific Text in the Early Modern Ottoman Empire: Astronomy and Education in ‘Alī al-Qūshjī’s *al-Risāla al-Faṭḥiyya*.” *XVI. Great Lakes Ottomanist Workshop (GLOW)*, McGill University, December 4, 2020.
- 2020** “Linguistic and Geographical Plurality in Early Modern Ottoman Science: The Case of Ali al-Qushji’s Astronomy.” *MESA Annual Meeting*, October 8, 2020.
- 2020** “A Tale of Two Texts: Development and Reception of Qūshjī’s Astronomy in the Early Modern Period.” *New Perspectives on the History of Science Lecture Series*, Boğaziçi University, History Department, July 16, 2020.
- 2019** “The Historiographical Ottomanization of a Timurid Scholar: Ottoman Biographies of ‘Alī al-Qūshjī.” *Les Ottomans et l’histoire: Historiographie, perception du temps et légitimité dynastique*, 7e Journée d’étude du Groupe D’Etudes Turques et Ottomanes (GETO), UQÀM-Département d’Histoire, Montreal, January 24, 2019.
- 2018** “The Crossing of Linguistic and Geographical Boundaries: Studying ‘Alī al-Qūshjī’s Astronomy in the Ottoman Context.” *Science Teaching in Pre-Modern Societies*, McGill Centre for Islam and Science & McGill’s Institute of Islamic Studies, Montreal, May 24-26, 2018.
- 2017** “Veliyyüddin Carullah Efendi’nin Derkenar Notlarında Teorik Astronomi (Theoretical Astronomy in Veliyyüddin Carullah Efendi’s Marginilia).” *Sahn-ı Seman’dan Darülfünun’a Osmanlı’da İlim ve Fikir Dünyası Sempozyumu (18. Yüzyıl)* [*Symposium on the Ottoman World of Science and Thought from the Establishment of Sahn-i Seman to Darulfunun (18th century)*], Istanbul University & Zeytinburnu Municipality, Istanbul, December 22-23, 2017.
- 2017** “Ismail Gelenbevi in the Madrasa and Engineering Schools: Hybridity in Science Education in Late Eighteenth Century Istanbul.” *Science Teaching in Transition during the 18th and 19th Century Islamic World* (organized by Istanbul Medeniyet University and McGill Centre for Islam and Science), Istanbul Medeniyet University, Istanbul, December 14-15, 2017.
- 2017** “Problematizing the Beginning of Ottoman Science Studies: Historiography in Turkey’s Early Republican Period.” *History of Science Society Annual Conference*, Toronto, November 9-12, 2017.

- 2017** “Alī al-Qūshjī in Istanbul: Theoretical Astronomy in the Early Modern Ottoman Empire.” *Annual Public Meeting of Canadian Society for the History and Philosophy of Science*, Ryerson University, Toronto, May 27-29, 2017.
- 2017** (with David Pantalony and Assia Kaab) “The George Petrovic Collection of Ottoman Mathematical Instruments.” *Annual Public Meeting of the Canada Science and Technology Museums Corporation*, Aga Khan Museum, Toronto, March 1, 2017.
- 2016** “Historiographical Formation of an ‘Engineer’: How is Ismail Gelenbevi’s Scholarship Narrated in *Tārih-i Cevdet?*” *MESA’s 50th Annual Meeting*. Boston, November 17-20, 2016.
- 2016** (with David Pantalony) “From the Ottoman Empire to Canada: Migrating Scientific Instruments across Cultures.” *35th Scientific Instrument Symposium*, Istanbul University, Istanbul, September 26-30, 2016.
- 2015** (with A. Haris Toprak) “*Keşfü’z- Zünûn*’da Astronomi (Astronomy in *Kashf al-zunûn*).” *Uluslararası Sempozyum Kâtip Çelebi: İslam Medeniyeti’nde Bibliyografya ve İlimler Tasnifi (Geçmişi ve Geleceği) [International Kâtib Chalabî Symposium: Bibliography and the Classification of Knowledge in Islamic Civilization (Past and Future)]*. Istanbul, March 8, 2015.
- 2015** “ ‘Bir Bilim Tarihçisi’ olarak Veliyüddin Cârullah Efendi (Veliyüddin Cârullah Efendi as a ‘Historian of Science’).” *Osmanlı Kitap Kültürü: Cârullah Efendi Sempozyumu [Ottoman Book Culture: Symposium on Cârullah Efendi]*. ILEM, Istanbul, February 14, 2015.
- 2014** “*Risâle der İlm-i Hey’e*’den *el-Fethiyye*’ye: Bir Metnin Osmanlı Dünyasında Dönüşümü [From *Risâlah dar ‘ilm al-hay’ah* to *al-Fathîyya*: Transformation of a Text in the Ottoman World].” *Sahn-ı Seman’dan Darülfünun’a Osmanlı’da İlim ve Fikir Dünyası: Alimler, Müesseseler ve Fikri Eserler –I- İstanbul’un Fethinden Süleymaniye Medreselerinin Kuruluşuna Kadar [The Ottoman World of Science and Thought from Sahn-i Seman to Darülfünun: Scholars, Institutions and Scholarly Works –I-]*. Istanbul University, Istanbul, December 20, 2014.
- 2014** “Two Different Approaches to Astrology in the Aristotelian Tradition: Abū Ma’shar and al-Fārābī.” *MISSC 4th Annual Graduate Student Symposium*. McGill University, Montreal, May 3, 2014.
- 2013** “Refuting Atomism in al-Ishārāt Tradition.” *Philosophy in the 13th Century Symposium*. Yıldırım Beyazıt University, Ankara, November 17, 2013.
- 2013** “The Ottoman Encounter with European Science: The Case of Logarithms.” *24th International Congress of History of Science, Technology and Medicine*. The University of Manchester, Manchester, July 23, 2013.

- 2012** “Ismail Gelenbevi at the Engineering School: The Ottoman Experience of European Science through Logarithms.” Fatih Sultan Mehmet Waqf University, Istanbul, February 29, 2012.
- 2011** “Travmatik Bir Karşılaşma: Osmanlılar’ın İlk Mühendishane Tecrübesi (A Traumatic Encounter: Ottomans’ First Experience of the Engineering School).” *5. Genç Akademisyenler Buluşması*, Mardin Artuklu University, Mardin, June 18, 2011.
- 2010** “Cumhuriyet Dönemi Milliyetçiliğini Bilim Felsefesi Açısından Değerlendirmek (Evaluating Nationalism in the Republican Period from the Perspective of Philosophy of Science).” *Tekil Çalışmalar, Ortak Hassasiyetler: 3. Boğaziçi Üniversitesi Atatürk Enstitüsü Lisansüstü Öğrenci Konferansı*, Bogaziçi University, Istanbul, May 28, 2010.

AWARDS & FELLOWSHIPS & GRANTS

- Oct 2020-Aug 2021** Postdoctoral Fellowship, Boğaziçi University, Istanbul (in ERC-funded project entitled “OTTOCONFESSIO: The Fashioning of a Sunni Orthodoxy and the Entangled Histories of Confession-Building in the Early Modern Ottoman Empire, 15th-17th Centuries”)
- 2018** (with David Pantalony and Assia Kaab) Award of Outstanding Achievement in Research by the Canadian Museums Association
- 2016- 2019** Stipend from Professor F. Jamil Ragep (through Canada Research Chair in the History of Science in Islamic Societies)
- 2016- 2017** Wilfred Cantwell Smith Fellowship in Islamic Studies, McGill University
- 2016- 2017** Continuing Stipend Award, Institute of Islamic Studies, McGill University
- 2016** McGill-Ingenuum Fellowship in the History of Science, Medicine, and Technology
- 2015** Cedrik Goddard Memorial Award in Islamic Studies, McGill University
- 2015- 2016** Continuing Stipend Award, Institute of Islamic Studies, McGill University
- 2015- 2016** H.E. Sheikh Hamad bin Jassim bin Jaber Al Thani Fellowship, McGill University
- 2014- 2015** Continuing Stipend Award, Institute of Islamic Studies, McGill University
- 2012- 2014** Graduate Excellence Award, McGill University
- 2012- 2014** WYNG Trust Fellowships, Faculty of Arts, McGill University
- 2012- 2014** Institute of Islamic Studies Graduate Award, McGill University
- 2009-2011** Tuition-Waiver Scholarship, History Department, Istanbul Bilgi University

TEACHING & ACADEMIC EMPLOYMENTS

- Summer 2020** Lecturer, Boğaziçi University, Istanbul, History Department
(HIST487.01: History of Science and Technology in Islamic Societies)
- 2013- 2018** Researcher in the Islamic Scientific Manuscripts Initiative Project (ISMI)
(In several periods) (Initiated by McGill University & Max Planck Institute for the History of Science in Berlin)
- Winter 2018** Teaching Assistant- ISLA 200: Islamic Civilization (McGill University)
- 2015 - 2017 – 2018** Teaching Assistant- ISLA 521: Introductory Arabic (McGill University)
(Fall semesters)
- Winter 2017** Teaching Assistant- ISLA 300: The Ottoman Empire in the Age of Reforms
(McGill University)
- Winter 2017** Teaching Assistant- ISLA 523: Higher Intermediate Arabic (McGill University)
- Winter 2016** Teaching Assistant- ISLA 522: Lower Intermediate Arabic (McGill University)
- Winter 2014** Teaching Assistant- ISLA 210: Muslim Societies (Its theme: Women in Islam)
(McGill University)
- Fall 2013- Winter 2014** Teaching Assistant- ISLA 532: Introductory Turkish (McGill University)
- Fall 2012- Winter 2013** Turkish Language Tutor, employed by McGill's Institute of Islamic Studies
- Oct 2011- July 2012** Research Assistant, Fatih Sultan Mehmet Waqf University, Istanbul

SERVICE, EXPERIENCE, AND PUBLIC OUTREACH

- 2020-...** Member of the Editorial Board of *Islam Tetkikleri Dergisi (Journal of Islamic Review)*
- 2015-...** Book Review Editor & Associate Editor for *Nazariyat Journal for the History of Islamic Philosophy and Sciences*
- 2020-2022** Referee for *Notes and Records: The Royal Society Journal of the History of Science; Journal of Islamic Review; Ottoman Science Studies Journal; Eskiyeeni Journal*
- 2020** Panel Organizer: "Mobility of Scholars and Knowledge in the Early Modern Ottoman Empire: New Sources and Revisionist Approaches." *MESA Annual Meeting*, 8 October 2020.

- 2019** Guest Assistant Editor, Special Issue on Fuat Sezgin, *Darulfunun Ilahiyat Journal*
- May 2018** Interview: “Finding Cultural Connections through Our Shared Mathematical Heritage.” *Ingenium Channel* (together with David Pantalony and Assia Kaab) (published in English and French)
- May 2017** External Counseling Expert for “Space Museum, Kuwait” Project conducted by Cultural Innovations, UK.
- 2016** Panel Organizer: “Ottoman Modernization Reconsidered: Complexities of the Transformation of Ottoman Scientific Thought.” MESA’s 50th Annual Meeting, Boston, 17-20 November 2016.
- 2015** Member of the Organizing Committee for *Uluslararası Sempozyum Kâtip Çelebi: İslam Medeniyeti’nde Bibliyografya ve İlimler Tasnifi (Geçmişi ve Geleceği) [International Kâtip Chalabî Symposium: Bibliography and the Classification of Knowledge in Islamic Civilization (Past and Future)]*, held in Istanbul on March 6- 8, 2015.

RESEARCH LANGUAGES

Turkish (modern and Ottoman), English, Arabic, Persian, French, German

MEMBERSHIP

- 2022-...** Commission on the History of Science and Technology in Islamic Societies (part of the International Union for the History and Philosophy of Science)