

CHOSTIS Newsletter, volume 14, 2015

NEWSLETTER

*Commission on History of Science &
Technology in Islamic Societies*

**INTERNATIONAL UNION OF THE HISTORY
AND PHILOSOPHY OF SCIENCE (IUHPS)
Volume 14 (2015)**

<http://islamsci.org>

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1. PRESIDENT'S REPORT

My first, very pleasant, duty is to thank our former President, Prof. Jan Hogendijk, and the members of our previous Governing Council for their service and to thank those colleagues, named above, who have accepted positions on the current Governing Council. Thanks are also due to the organizers of the two Symposia that the Commission sponsored at the meetings of the International Congress of History of Science, Technology and Medicine in Manchester in 2013. From all accounts these were very successful and, in addition to furthering scholarship in our areas of interest, also made all attendees at the International Congress aware of CHOSTIS as an active organization.

The Commission has been fortunate that Prof. Nathan Sidoli kindly agreed to take over the duties of webmaster from Prof. Hogendijk. Prof. Sidoli has moved the website to his home university, Waseda University in Japan, and his report appears in this Newsletter.

In addition to Dr. Sidoli's report I would like to encourage members to make greater use of our website and listserv. I have used the latter a number of times and have always found colleagues willing to come to my aid with advice and information. I believe the site could also become an important venue for exchange of news about current research interests and teaching activities. As you will see in this newsletter many colleagues use the newsletter as a means of distributing news of their activities, but I would urge you not to be shy about sharing news more often via our website.

The Governing Council of the Commission has approved the following applications for membership in the Commission: Dr. Taro Mimura, Dr. Kaveh F. Niazi, and Dr. Abdelmalek Bouzari. I welcome them to membership and would ask all our members to encourage scholars who are not yet members but who, in their view, have demonstrated a serious scholarly interest in the history of Islamic science, to apply for membership. I especially urge members to identify suitable candidates in countries that are under-represented in membership. This is an important way of encouraging the growth of our organization and to show that we actively encourage all

persons engaged in serious scholarship and teaching activities relative to our area of interest to become members.

Finally, it remains to thank Division of the History of Science and Technology of the IUHPS for its operating grant of \$900 in 2014. And thanks are also due to all who contributed freely of their time and energy to the functioning of our Commission over the past two years. Special thanks are due to our Vice-President, Prof. Robert Morrison, who has always been ready to provide information and advice whenever I have asked for it, and to our Secretary, Prof. Mohammad Bagheri who has willingly done whatever has been asked of him. As a colleague at my home university once remarked, “Universities runs on volunteer labor.” However true that may be of universities it is doubly so of organizations such as ours!

2. MESSAGE FROM THE SECRETARY

Dear colleagues,

I am glad that the new issue of *CHOSTIS Newsletter* (vol. 14, 2015) has been prepared. This became possible thanks to support, encouragement, directions and assistance of Prof. John L. Berggren, Prof. Jan P. Hogendijk and Dr. Robert Morrison. I am also grateful to all Commission members who sent information about their activities to me.

I hope that the *Newsletter* will remain an effective means to keep historians of science in the Islamic civilization aware of the works done or ongoing in their common field of interest.

Rasht (Iran), August 2015

3. REPORT ON THE COMMISSION’S WEBSITE

In 2014, a number of minor changes were made to our website. After considering various options, the Governing Council decided that the commission’s site is not active enough to warrant a full rewrite as a blog-style site and that the commission would be best served by a leaner site that focuses on our needs. To this end, myself and a student assistant scaled back the amount of direct content that related to the history of science in Islamic societies, because of the burden this placed on the Council to keep this material up-to-date. Instead, the site now focuses on providing links, in “Online Resources,” to third party content, some of which is, in fact, provided by members of the commission. We have also made a number of other changes: eliminated some empty sections, rewritten the “How to Join” sub-section, and removed the minutes of the commission’s meetings from direct access on the open web—members are now invited to write the Secretary for copies of these minutes. We have also made a number of overall cosmetic changes involving formatting, fonts, colors, and so forth. One outstanding issue is that the commission’s website is not “mobile friendly”—that is, while it can be accessed from most mobile platforms, it is difficult to read. Since now as many as 30% of website visits are made from mobile devices, in the future, the commission may want to consider what kinds of steps can and should be taken to address this situation.

Nathan Sidoli

4. JOURNALS, SERIES, AND NEWSLETTERS

Aestimatio: Critical Reviews in the History of Science. Its primary aim is to promote the study and research of pre-modern science in the history of science. A list of the contents of its volumes up to the newest one, 11 (2014) is available online. The Institute for Research in Classical Science and Philosophy also publishes the monograph series *Interpretatio* (including A. Mark Smith's work on the Latin versions of Ibn al-Haytham's *Optics*). The institute also sells copies of Otto Neugebauer's card file of parameters.
<http://www.ircps.org/publications/aestimatio>

Arabic sciences and philosophy: A historical journal. This journal, with the assistance of the CNRS, has been publishing articles through Cambridge University Press since 1991, with abstracts in French and English. The first issue of volume 25 (2015) is available.
<http://journals.cambridge.org/action/displayJournal?jid=ASP>

Archive for History of Exact Sciences. This journal was established in 1960 and is devoted to mathematics, astronomy and physics. Newest issue: volume 69 (2015).
<http://www.springer.com/math/journal/407>

Bilim Tarihi (History of Science [in Turkish]). For a list of earlier publications by this organization, see <http://www.bilimtarihi.org/gecyay.htm>. For the journal *Studies in Ottoman Science*, see: <http://www.bilimtarihi.org/OBA/oba.htm>.
<http://www.bilimtarihi.org/>

CHAMA: Commission for History of Ancient and Medieval Astronomy. The Commission is dedicated to research concerning the astronomical heritage of all cultural areas of the world; for more information, contact Alexander Jones, Institute for the Study of the Ancient World, New York University, alexander.jones@nyu.edu. The newsletter (vol. 10, 2013) is available: <https://sites.google.com/site/chamaiuhps/home/newsletters>

Ganita Bharati: Bulletin of the Indian Society for History of Mathematics. The society is based in New Delhi, India. Volume 36, no. 1 (June 2014) of the society's bulletin is now available.
ganitabharati@gmail.com

Historia Scientiarum: The International Journal of the History of Science Society of Japan. The journal was founded in 1962 as *Japanese Studies in the History of Science*, and is published 2-3 times per year. The last volume was Vol. 24, no. 1 (August 2014).
<http://historyofscience.jp/?cat=3>

History of Science in Southeastern Europe. A newsletter published by the History of Science Programme, INR, National Hellenic Research Foundation IAA, National Observatory of Athens (No. 19, December 2014). Other resources, such as bibliographies, are available at the main web site.
<http://www.eie.gr/institutes/kne/ife/newsletter/nwsntr10.pdf>

ICHA Newsletter: Newsletter of the Inter-Union Commission for History of Astronomy.

The International Astronomical Union (IAU) was founded in 1919 to promote the science of astronomy. The Commission (<http://www.historyofastronomy.org/>) was created in 1948 with Otto Neugebauer as its first President. Volume 12 (January 2011) is available:
http://www.le.ac.uk/has/icha/documents/icha_news_12.pdf

Indian Journal of History of Science (IJHS). This refereed journal is published by the Indian National Science Academy (INSA) which was founded in 1935. Centered in New Delhi, they also publish two other journals: the *Proceedings of the Indian National Science Academy* and the *Indian Journal of Pure and Applied Mathematics (IJPAM)*. Current issue: No. 1, vol. 50 (March 2015). For more information, contact: Dr. A.K. Bag, Editor (ijhs@insa.nic.in)
<http://insa.nic.in/INSAuth/OurPublications.aspx>

Islam & Science: Journal of Islamic Perspectives on Science. Started in 2003, this journal is published by the Center for Islam and Science (CIS) twice a year. Volume 12, number 2 (Winter 2014) is now available (online only).
<http://www.cis-ca.org/islamscience1.php>.

JHAS: Journal for the History of Arabic Science. This journal is published by the Institute for the History of Arabic Science at the University of Aleppo, Syria. It was established in 1977 by Ahmad Y. al-Hassan (who at the time was both President of Aleppo University and Director of the Institute), with Sami K. Hamarneh and E.S. Kennedy. For information, contact Moustafa Mawaldi: ihass@alepuniv.shern.net Volume 15 (2011) is available. Tables of contents are available at:
http://www.aacid.es/en/servicios/bibliotecas/revistas/islamica/Journal_for_the_history_of_Arabic_science.html

JISHIM: Journal of the International Society for the History of Islamic Medicine. Volumes 12-13, nos. 23-24-25-26 (2013-2014) are now available. The journal is accessible online.
<http://www.ishim.net/newsletter.htm>

Journal of Arabic and Islamic Studies. This is a refereed journal which is published on the Internet. Vol. XV, 2015 is available.
<http://www.lancs.ac.uk/jais/>

Khabar-Name-ye Trikh-e Elm (Iranian History of Science Newsletter). It is published by the Institute for the History of Science, University of Tehran since. It reflects news and contains short notes about the activities and publications of the Institute and other institutions in the field of history of science (in Persian and English). The latest issue (vol. 4, nos. 16 & 17; Autumn 2014-Winter 2015) is published. For receiving pdf copies, contact tarikhelm@ut.ac.ir
www.utihis.ut.ac.ir

Kutadgubilig Felsefe-Bilim Arařtırmaları Dergisi, (Istanbul, Turkey) [The Kutadgubilig Philosophy-Science Research Institute; in Turkish]. Number 26 (2014) of their journal is now available.

<http://www.kutadgubilig.com/>

Miras-e Elmi. This semi-annual journal on the history of science in Islam and Iran (in Persian with English list of contents, abstracts and editorial note) is published by the Written Heritage Research Institute (www.mirasmaktoob.ir) in Tehran since 2012. Its latest issue, no. 5 (vol. 3, no. 1) was published in 2014. Back issues are accessible at the address www.mb-kushyar.com.

Nâmeḥ-ye Bahârestân. This is an International Journal for Islamic Manuscript Research, published in Tehran, Iran. From 2000 to 2011, 19 issues were published. The most recent issue: New series (under new editorship), no. 3, Spring 2014. Contact address: nameh_baharestan@live.com
www.ical.ir

Osmanlı Bilimi Araştırmaları (Studies in Ottoman Science) is the official publication of the Department of the History of Science, Faculty of Letters, Istanbul University. It is a peer-reviewed bi-annual international academic journal. Founded in 1995, it is the oldest academic journal in its field in Turkey. The journal is currently issued both as hard-copy and online. The electronic issues are freely available at <http://dergipark.ulakbim.gov.tr/iuoba/index>
Vol. 16 (nr.1) 2014 has been published. For more information contact Dr. Feza Günergun (editor) at fezagunergun@yahoo.com

SCIAMVS: Sources and Commentaries in Exact Sciences. The annual journal, published in Kyoto, provides studies on original sources in the field, especially critical editions of unpublished texts and their translations together with comments and notes, as well as reviews of books. Sample pages from Volume 15 (2014) and past volumes are available to download:
<http://www.sciamvs.org/>

Suhayl: Journal for the History of the Exact and Natural Sciences in Islamic Civilisation. This journal is published by the Arabic Dept. of the Univ. of Barcelona annually, and contains papers, surveys, documents, and reviews, written in English or Arabic. Vol. 13 (2014) is available. Since volume 9, this journal has been published in cooperation with the Commission on the History of Science and Technology in Islamic Societies. Contact: suhayl@ub.edu
<http://www.ub.edu/arab/suhayl/>

Tarikh-e Elm (History of Science). This is a semiannual journal published by the Institute for History of Science, University of Tehran, Iran. The most recent issue is volume no. 13, 2012-13. <http://www.magiran.com/magtoc.asp?mgID=3526>

Zeitschrift für Geschichte der arabischislamischen Wissenschaften. The editor of the journal is Fuat Sezgin, Institut für Geschichte der Arabisch-Islamischen Wissenschaften an der Johann Wolfgang Goethe-Universität, Frankfurt am Main, Germany. The most recent volume is Volume 20-21 (2012-2014).
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5. PUBLICATIONS

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7. 24th INTERNATIONAL CONGRESS OF HISTORY OF SCIENCE, TECHNOLOGY AND MEDICINE (Manchester, 21 to 28 July 2013)

Two symposia (S102 and S129) were sponsored by CHOSTIS in this Congress. The symposium S102 consisted of three sessions, of two hours each, and the symposium S129 consisted of two sessions. Here are some details about the symposia:

Symposium S102. The historical and cultural dimensions of Islamic science

Organizers:

Jan P. Hogendijk | University of Utrecht, Netherlands

Robert Morrison | Bowdoin College, United States

Abstract

Our symposium aims to situate science in its historical and cultural context within Islamic societies. As the history of science in Europe and North America continues to be dominated by studies of 1800 onward, it is particularly important for a commission like CHOSTIS, with a global membership and broad chronological scope, to join the discussion.

The particular areas covered by the panel include geography, medicine, mathematics, the relationship between science and philosophy, transmission of science, and biographies of scientists. This symposium will explore the relationships between medical knowledge and philosophy and astrology, geography and the exact sciences, science and other religious considerations, and the transmission of science.

Session S102-A. Transmission of knowledge over time and between cultures

Chair: Robert Morrison | Bowdoin College, United States

Emilia Calvo | Universitat de Barcelona, Spain

Rosa Comes | Universitat de Barcelona, Spain

The transmission of Arabic astronomical tables into Latin: the case of al-Battani's *al-Zij al-Sabi*

Constantin Canavas | Hamburg University of Applied Sciences, Germany

Qazwīnī's curiosities: multiple paths from late antiquity to Persian and Arabic/Islamic cosmography

Marina Tolmacheva | Washington State University, United States

Sailing the Indian Ocean: knowledge and culture in medieval Arab narratives

Gulfishan Khan | Aligarh Muslim University, India
The genetic lineage of a family of medieval Indian scientists

Session S102-B. **Medicine in context**

Chair: Gulfishan Khan | Aligarh Muslim University, India

Theo Loinaz | Universitat de Barcelona, Spain
Alexander Trallianus Arabus: on the fortunes of Alexander of Tralles' works in the Arabic Islamic medical tradition

Miquel Forcada | Universitat de Barcelona, Spain
The Aristotelization of science in twelfth-century al-Andalus and its influence on medicine

Glen Cooper | Brigham Young University, United States
Medicine and astrology in the Arabic tradition: uneasy dance partners

Session S102-C. **Mathematics, physics, and the heavens**

Chair: Emilia Calvo | Universitat de Barcelona, Spain

Robert Morrison | Bowdoin College, United States
Scholarly intermediaries between the Ottoman Empire and Renaissance Italy

Montse Diaz-Fajardo | Universitat de Barcelona, Spain
The *namudar* of Ibn al-Kammad

Jan Hogendijk | University of Utrecht, Netherlands
Unusual mathematical constructions by craftsmen in a Persian manuscript on tilings

Alnoor Dhanani | Harvard University, United States
Motion in a void in Islamic natural philosophy

Symposium S129. **Islamic astronomy in its cultural context**

Co-sponsored by Commission for the History of Ancient and Medieval Astronomy (CHAMA: DHST)

Organizers:

Josep Casulleras | Universitat de Barcelona, Spain

Robert Morrison | Bowdoin College, United States

Abstract

Within Islamic civilization, the sciences of the stars have attracted the most scholarly attention over the years and have also been the locus for some of Islamic societies' most notable achievements. Therefore, CHOSTIS and CHAMA have collaborated on a special session entitled 'Islamic Astronomy in its Cultural Context'. This panel covers a remarkable range of topics, from theoretical astronomy, to handbooks with tables, to astrology.

Session S129-A. **Cosmography and *hay'a***

Chair: Jan Hogendijk | University of Utrecht, Netherlands

Josep Casulleras | Universitat de Barcelona, Spain

The description of the cosmos in tenth-century Al-Andalus

Taro Mimura | University of Manchester, United Kingdom

Planetary models in pseudo-Mashā'allāh's *Liber de orbe* in the early *'ilm al-hay'a* tradition

Marc Oliveras | Universitat de Barcelona, Spain

Ancient Arabic cosmography on the sources of the river Nile

Session S129-B. **Observational astronomy and its applications**

Chair: Josep Casulleras | Universitat de Barcelona, Spain

Julio Samsó | Universitat de Barcelona, Spain

Meteorological astrology in the Muslim West

Petra G. Schmidl | Universität Bonn, Germany

al-Ashraf Umar's description of the zodiacal signs

María José Parra | Universitat de Barcelona, Spain

Some new data about the manuscripts that contain the Arabic translations of Abraham Zacut's *Almanach Perpetuum*

The symposia were attended by about 50 people and the discussions were lively.

A declaration was issued at the end of the Congress as follows:

Manchester Manifesto

On the occasion of the largest global meeting of historians of science, technology, and medicine we, the officers and members of the Division of the History of Science and Technology of the International Union of the History and Philosophy of Science and Technology affirm the following:

- (1) Science, technology, and medicine have been abiding features of humanity for millennia and are integral parts of society and culture throughout the globe.
- (2) Scientific, technical, and medical literacy is a public good.

(3) We support the study of nature and strive to render it comprehensible to the scientific community and to the wider public through conscientious scholarship and public outreach activities in the human family's many languages.

(4) Historical scholarship on science, technology, and medicine should seek a full and nuanced accounting of the growth, progress, problems, and prospects of these essential human activities. This supports awareness that science, technology and medicine, when rightly prosecuted, are a public good.

(5) Historians of science, technology, and medicine can build bridges between different cultures through collaboration and examination of different perspectives, heritages, and styles of thinking.

(6) An understanding of the history of science, technology, and medicine enhances the teaching of general history as well as the teaching of the methods and context of science, technology, and medicine.

(7) The artifacts of science, technology, and medicine constitute an essential material heritage of humankind. These materials must be preserved, interpreted, and further developed by professionals with a deep knowledge of their cultural significance.

Therefore, in the interests of global betterment and putting knowledge to work, the united participants of the 24th International Congress of History of Science, Technology, and Medicine held at Manchester, UK, in July 2013 declare:

1. The history of science, technology, and medicine should be supported and financed regularly and continuously by state and private institutions to ensure that younger generations are familiar with their scientific, technological, and medical heritage as interpreted by appropriately-trained historians.

2. The history of science, technology, and medicine merits prominent integration into the curricula of high schools, colleges, and universities. Local and national practices should guide this integration.

The above text has also been translated and propagated in Arabic, Chinese, Croatian, Farsi (Persian) French, Greek, Japanese, Lithuanian, Spanish and Turkish (for these translations see <https://sites.google.com/a/dhstweb.org/www/news>).

In spite of the moral, cultural and peaceful spirit of the declaration which reflects the international unity of the historians of science, some Iranian historians of science were deprived of participation in the Congress because their visas were not issued. Rejection of their visa application was in fact in strict contradiction with item 5 of the declaration. We sincerely wish that such a political obstacle will never prevent scholars from any country from meeting their colleagues and sharing ideas with them in future. A similar case was the bureaucratic obstacles in issuing conference visas for the Iranian historians of science who were invited to attend a conference in memory of Bhaskaracharya (12th century Indian mathematician and astronomer) which held in Indian in autumn 2014. The formal invitation letters and the plane tickets were sent by the organizers. But the embassy asked for confirmation letters for each applicant from Indian ministries of Internal Affairs, Foreign Affairs, and Higher Education. In spite of the efforts of the organizers, the complicated official procedure was not completed in several months.

8. CONFERENCE PRESENTATIONS

AYDÜZ, Salim

- “Prominent Ottoman Mathematicians: Their Life’s and Works”, The History, Current State and a Look into the Future of Mathematics and Astronomy, the International Conference devoted to the memory of Nasireddin Tousi, 10-12 September 2014, Baku, Azerbaijan.
- “The Ottoman Scholars at Bilad al-Sham Territories and their connections with Anatolia”, Interdisciplinary Research Seminar, New Approaches to the Mediterranean, 20 Years of Changes, A Different Region organised by the European Institute of the Mediterranean (IEMed), on January 26-27, 2015, at Institut d’Estudis Catalans in Barcelona, Spain.
- “Astronomical Institutions of the Ottomans and Its Significant Astronomers”, The Astrolabe: Its History & Application In The Islamic Civilization, February 25-26, 2015, Centre for Advanced Studies on Islam, Science & Civilisation (CASIS), Universiti Teknologi Malaysia (UTM) Kuala Lumpur, Malaysia.,
- “Süleymaniye Medical Madrasa (Dār al-Tib) and Its Importance in the History of Ottoman Medicine”, BRAIS 2015, The Second Annual Conference of the British Association for Islamic Studies, London, 13–15 April 2015, Senate House, University of London, In Collaboration with the Institute of Commonwealth Studies and Human Rights Consortium, School of Advanced Study, University of London.

BAGHERI, Mohammad

“Kūshyār ibn Labbān’s Mathematical Approach in His Astronomical Handbook”, The Impact of Arabic Sources on Divination and the Practical Sciences in Europe and Asia, Erlangen, 21-23 January 2014.

“An Account of the Researches on Kūshyār Gīlānī’s Works” Conference on the Scientific Heritage of Kūshyār Gīlānī, Written Heritage Research Institute (*Miras-e Maktub*), Tehran, 24 Feb. 2014.

“Kūshyār Gīlānī’s Place in History of Science and His Works” Conference on the Occasion of Kūshyār Gīlānī’s 1050th Birth Anniversary, University of Gilan, Rasht, 26 & 27 Feb. 2014.

“Life and Works of Kūshyār Gīlānī”, History, Present and Future of Mathematics and Astronomy: Homage to Naṣīr al-Dīn Ṭūsī”, Baku, 10-12 September 2014.

BERGGREN, J. Lennart

- “Kūshyār and Spherical Trigonometry”, Conference on the Scientific Heritage of Kūshyār Gīlānī, Written Heritage Research Institute (*Miras-e Maktub*), Tehran, 24 Feb. 2014.

- “Mathematics in Medieval Islam on Its Own Terms”, Conference on the Occasion of Kūshyār Gīlānī’s 1050th Birth Anniversary, University of Gilan, Rasht, 26 & 27 Feb. 2014.

“Escaping the Esoteric: The Present State and Future Prospects of the Historiography of Greek and Medieval Islamic Mathematics.” History of Science Society Annual Meeting (Boston, MA), November 22, 2013.

“Some Problematic Issues in the Arabic text of al-Kāshī’s *The Reckoner’s Key*”, at the second workshop in the series "Graeco-Arabic Rationalism in Islamic Traditionalism" at Washington University in St. Louis, MO from April 27 - 29, 2012.

BOUZARI, Abdelmalek

- “Les *sections coniques* d'Apollonius dans la tradition mathématique arabe: Un exemple de circulation”, Colloque Inter-IREM « Epistémologie et Histoire des Mathématiques », Marseille, 24-25 Mai 2013.

- “On some aspects of medieval algebra in the Muslim West”, Second International workshop on Mathematics and computer Science, Tiaret 01-02 Décembre 2014.

- “Essai sur l’Etat des travaux sur L’Algèbre d'al-Andalus et du Maghreb et exploitations en Orient musulman à partir du XIVe siècle”, Journées de formation du L.E.H.M (ENS Kouba), 29 Oct. 2014.

DALEN, Benno van

- “Islamic Astronomical Tables in China and their Role in Astrological Predictions” The Impact of Arabic Sources on Divination and the Practical Sciences in Europe and Asia, Erlangen, 21-23 January 2014.

DJEBBAR, Ahmed

- “Bilan provisoire de l’enseignement de l’Histoire de Mathématiques dans le LMD : Bilan et perspectives”, USTHB, 28 Avril 2013, Alger.

- “La numération rūmī dans des écrits mathématiques d’al-Andalus et du Maghreb”, Journées de formation du L.E.H.M (ENS Kouba), 29 Oct. 2014.

FANCY, Nahyan

- “Generation in Ibn al-Nafis’s Commentary on the Aphorisms,” Arabic Commentaries on the Hippocratic Aphorisms, Manchester, UK, April 9–11, 2015.
- “Alternatives to Galenic Physiology in the Islamic World: The Evidence from the Commentary Tradition, 1200–1500,” History of Science Society Annual Meeting, Chicago, IL, November 6–9, 2014.
- “Medicine and Islam: Conflict or Integration?” GenerationsRise: Elevating Muslim American Culture, 51st Islamic Society of North America (ISNA) Annual Convention, Detroit, MI, August 29–September 1, 2014.
- “Generation in the Medieval Islamic World,” Reproduction Workshop, Cambridge University, Cambridge, UK, July 4–5, 2014.
- “The Impact of Using Branchpoints Rather than Endpoints to Study the Trajectory of Theoretical Medicine in Islamic Societies,” Studies of Knowledge in Eurasia and Africa: Issues of Methodology and Future Perspectives, Max Planck Institute for the History of Science, Berlin, Germany, June 30–July 1, 2014.
- “Engaging the Public on the History of Science in Islamic Societies,” Studies of Knowledge in Eurasia and Africa: Issues of Methodology and Future Perspectives, Max Planck Institute for the History of Science, Berlin, Germany, June 30–July 1, 2014.
- “Non-Galenic Physiologies in the Commentaries on Avicenna’s Canon and Ibn al-Nafis’s Epitome,” The American Association for the History of Medicine, 87th Annual Meeting, Chicago, IL, May 8–11, 2014.
- “Integrating the Islamic World in History of Science Curricula,” The Midwest Association for Middle East and Islamic Studies, Annual Conference, Chicago, IL, April 12, 2014.
- “Medical and Religious Discussions of Generation in the Islamic World, 1200–1500,” The Healing Arts Across the Mediterranean: Migrations and Interactions, Rutgers University, New Brunswick, NJ, March 28, 2014.
- “Scientific and Religious Discussions of Generation during the Mamluk Period,” Conference: Science in Judaism and Islam, University of Illinois, Chicago, IL, March 10, 2014.
- “Alternatives to Galenic Physiology in the Pre-Modern Islamic World,” Medical Humanities Workgroup, Western Michigan University, Kalamazoo, MI, September 26–27, 2013.
- “Did Renaissance Physicians Know the Work of Ibn al-Nafis? Re-Examining an Old Debate in Light of New Work on the Arabic Medical Commentaries,” Department of Near Eastern Studies, Princeton University, Princeton, NJ, March 9, 2015.

- “Re-Examining the Science-Religion Dichotomy in Medieval Islamic Societies,” The Hampshire College Lecture Series in Science and Religion, Hampshire College, Amherst, MA, February 26, 2015.
- “The Movement of Medical Texts and Commentators in Western Eurasia,” The Global Middle Ages, Medieval Club of New York, New York, NY, December 5, 2014.
- “Arabic Medical Commentaries and the Renaissance Anatomists,” Bryn Mawr College, Philadelphia, PA, October 29, 2014.
- “Did Muslim Physicians Advance Beyond Greek Science?” American University of Sharjah, Sharjah, U.A.E., February 18, 2014.
- “Conceptions of Generation in the Mamluk Period,” Arab Crossroads Lunchtime Lecture Series, New York University, Abu Dhabi, U.A.E., February 3, 2014.
- “Challenging the Galenic Theory of Pulse: Ibn al-Nafīs and his Successors,” History and Philosophy of Science Colloquium, University of Notre Dame, Notre Dame, IN, December 5, 2013.
- “Medicine in the Islamic World After 1200 C.E.: Greek Physiology Recycled, or Alternative Physiologies?” Vassar College, Poughkeepsie, NY, November 19, 2013.
- “Islam, Medicine and Science,” John Cotton Dana Library, Rutgers University, Newark, NJ, November 13, 2013.
- “Alternative Physiologies to Galen in the Post-Avicennan Islamic World,” Medieval Studies Lecture Series, Rutgers University, New Brunswick, NJ, October 7, 2013.
- “The Concept of Soul and Spirit in Pre-Modern Medicine,” Around Indy Reading Group, Zionsville Library, Zionsville, IN, July 13, 2013.
- “The Concept of Rūḥ and Nafs in Islamic Medicine,” (in Urdu) Pakistan Association of Dubai, Dubai, U.A.E., May 25, 2013.

GIAHI YAZDI, Hamid-Reza

- “Prof. Sayili’s account about the Samarqand Observatory and School, based on some Old Persian Texts: A revision”, University of Kastamonu, Kastamonu, Turkey, 13-15 November 2013 (With Pouyan Rezvani).

GÜNERGUN, Feza

- “Cumhuriyet Devrimimizin Bilim Üretimine Katkıları” (The contributions of the republican revolution to science), 16. Türk Klinik Mikrobiyoloji ve İnfeksiyon Hastalıkları Kongresi,” Antalya, Kervansaray Lara Hotel, 13-17 Mart 2013.

- “Travellers in the field: Conveying botanical material from Ottoman Turkey to Western Europe (16th and 17th c.),” Paper presented at the conference “Knowledge, Exchange, Encounter: Europe and the Ottoman Empire, 1453-1718” organised by the Center for Research in Arts, Social Sciences and Humanities, CRASSH), Cambridge, 7-8 July 2013.

- “Instructing the native apprentices in Istanbul: British mechanics in the Imperial Gun Factory of Tophane, 1869-1874),” ICHSTM Manchester 2013 (24th International Congress of History of Science, Technology and Medicine), Manchester University, Manchester, 21-28 July 2013.

- “Alchemy and Paracelsian iatrochemistry in 16th -18th c. Bursa, Turkey: Notes on the writings of alchemist and physician Ottoman dervishes,” Itineraries of Materials, Recipes, Techniques, and Knowledge in the Early Modern World, Max Planck Institute for the History of Science, Berlin, 9-12 July 2014.

- “Exploring the Sea of Marmara, the 1894 Maritime Expedition of the Russian Scientistson board of the Ottoman Vessel Selanik,” paper presented at the 2nd International Congress of Eurasian Maritime History – Russian Maritime History” at St Petersburg, 23-26 July 2014, (co-authors: Michael Türkay and Namık Yalçın).

- “Doğu Bilimi ile Batı Bilimi Arasında Osmanlılar,” (Ottomans in between Eastern and Western Science), Ölümünün 450. Yılında Matrakçı Nasuh Sempozyumu, Bilkent Üniversitesi, Ankara, 27.11.2014.

- “Reconciling novelty and tradition in science: Gazi Ahmed Muhtar Pasha (1839-1919), Ottoman military officer, envoy and reformist,” Colloque International Modernizers: Changing science and society in the Middle East and North Africa (1870s-1930s) Laboratoire SPHERE, CNRS- Université Paris-Diderot, Paris, 24-25 June 2015.

HOGENDIJK, Jan P.

- "Van algoritme tot zenith," Studium Generale, Technische Universiteit Eindhoven, 4 maart 2015.

- “Western Studies on Kushyar in Labban al-Jili”, Center for Kushyar Studies, University of Gilan (Rasht, Iran), 17 May 2015.

KHEIRANDISH, Elaheh

- “A Science Quartet: Micro-Mapping Four Early Scientific Traditions’, Session: History and Science in Iran At the Turn of the Last Millennium: A History Duet and a Science Quartet, Fri April 17, MIT, 2015.
- “Parallel Footpaths: Micro-Mapping Practical Geometry in Persian Lands”, Iranian Studies Conference: Montreal Canada, Aug 6-9, 2014.
- “Light and Dark: The ‘Checked History’ of Early Optics”, The fifth biennial Hamad bin Khalifa Symposium on Islamic Art, November 9–11 2013
- “Footpaths and Footprints: Early Optics and Perspective through Microscopic Lenses”, Centre Alexandre Koyré, Paris (and Max Plank Institute), Sep 10-11, 2013.
- “Geometry and Architecture: The Telling Lines of Unique Arabic and Persian Sources”, Harvard University, AKPIA: Forum for Islamic Art and Architecture, March 7, 2013.

MARCOTTE, Roxanne

- “Another Persian *De anima* – the *Asrār al-Ḥikmat* of Lawkari (end 11thc.)”, The Tenth Biennial Iranian Studies Conference, Montréal, QC (Canada), August 6-10, 2014.

MOHEBBI, Mehri

- “From the Middle East to Middle Eastern Life in the United States”, Keynote Speaker, American Association of University Women (AAUW), 2015, Ann arbor, MI, USA.
- “The Evolution of the Mission of Public Space”, Presentation: MS 1004, Heritage and Healthy Societies, Center of Heritage and Society, 2014, Amherst, MA, USA.
“Urban Morphology and Movement Patterns”
- Poster Presentation, American Planning Association’s 2014 (APA). Atlanta, GA, USA.

MORRISON, Robert

- “Is Science Part of Islam”, University of Michigan: Hajja Razia Sharif Shaykh Lecture, Ann Arbor, November, 2014.
- “Scholarly and Scientific Exchange in the Eastern Mediterranean in the 15th and 16th Centuries”, History of Science Society, Chicago, November, 2014.
- “The History of Rationalism(s) in Islam”, Muslim Exceptionalism: Islam, the Academy, and the Global Public, University of Pennsylvania, October, 2014 (invited participant).

“An Economy of Knowledge in the Eastern Mediterranean”, Stanford University, Palo Alto, CA, May, 2014.

- “Jewish Scholars at the Courts of Mehmed the Conqueror and Bayezid II”, University of Illinois, Chicago, March, 2014.

“Jewish Scholars Between the Ottoman Empire and Renaissance Italy”, Oxford University, Oxford, England, February 2014 (invited talk in the series on Late Medieval and Early Modern Islamic Intellectual History).

“What Can the Christian Category of Natural Theology Tell Us About Islam?” Harvard University Divinity School, November, 2013 (Annual endowed lecture on comparative theology).

RAGEP, F. Jamil

- “The Changing Face (*hay'a*) of Astronomy 1200-1500 CE”, Keynote address at the “International Conference of Ottoman Scholarship from Sahn-ı Seman to Darülfünun: Scholars, Institutions and Intellectual Products I: From the Conquest of Istanbul to the Establishment of the Süleymaniye Medreses,” Istanbul University, Faculty of Theology, 19-21 December 2014.

- “What’s in a School? Maragha and its Historiographical Implications” (with S. P. Ragep), Keynote address at the Conference “Maragha and its Scholars: The Intellectual Culture of Medieval Maragha, ca. 1250-1550,” Istanbul, 6-8 December 2013.

- “Islam at the Crossroads: Reflections on the History and Historiography of Astronomical Transmission” and “The Other Transmission, or How Did Muslims Manage to Transfer Astronomical Knowledge over Fifty Generations?” (with S. P. Ragep). 2 Keynote addresses at the Biennial History of Astronomy Workshop, Notre Dame Univ., 12–16 June 2013.

- “Islamic Science and its Discontents,” invited lecture at the colloquium “Missing Links: Islamic Civilization and the Formation of the Modern West,” Brown University, 17 October 2014.

- “The Astronomical Genre of *Hay'a*: Cosmology without Philosophy,” invited lecture at Cornell University, 21 November 2013 (also led “Medieval Cosmologies Seminar” on 22 November 2013).

RAGEP, Sally P.

- “Jaghmīnī’s *Mulakhkhaṣ* & Islamic Scientific Pedagogy Implications,” University of California, Berkeley, 19 March 2015.

- Moderator of a Panel Discussion (whose members were: Robert Morrison, George Saliba, and F. Jamil Ragep) entitled “Science and Islam,” in Symposium Science Before Science, Bowdoin College, 27 Feb. 2015

- “The Teaching of Theoretical Astronomy in Ottoman Lands” at the “International Conference of Ottoman Scholarship from Sahn-ı Seman to Darülfünun: Scholars, Institutions and Intellectual Products I: From the Conquest of Istanbul to the Establishment of the Süleymaniye Medreses,” Istanbul University, Faculty of Theology, 19-21 December 2014.

- “The Teaching of Theoretical Astronomy in Premodern Islam” at “Disciples and Masters” 39th Kölner Mediavistentagung, an international colloquium held 9-12 Sept. 2014 at the Thomas-Institute, Univ. of Cologne, Germany.

- “What’s in a School? Maragha and its Historiographical Implications” (with F. J. Ragep), Keynote address at the Conference “Maragha and its Scholars: The Intellectual Culture of Medieval Maragha, ca. 1250-1550,” Istanbul, 6-8 December 2013.

- “The Other Transmission, or How Did Muslims Manage to Transfer Astronomical Knowledge over Fifty Generations?” (with F. J. Ragep). Keynote address at the Biennial History of Astronomy Workshop, Notre Dame Univ., 12–16 June 2013.

SAMSÓ MOYA, Julio

- “Al-Andalus as a bridge between Arabic and European Science”. Plenary lecture of the International Academy of History of Science in the International Congress of History of Science (Manchester, 2013).

SARMA, S. R.

“Reworking of Arabic-Persian Astrolabes with Sanskrit Legends”, Conference on “Astrolabes in Medieval Cultures”, Warburg Institute, London, 24-25 April 2014.

“The Legend of Līlāvātī” and “Astronomical Instruments in the Siddhāntaśiromaṇi of Bhāskarācārya”, International Conference on the 900th Birth Anniversary of Bhāskarācārya, Vidya Prasak Mandal, Thane, India, 19-21 September 2015.

STEARNS, Justin K.

- “Rational Sciences in Islamic Thought: “Science” in the Work of Sufis, Jurists, and Theologians in 17th Century Morocco,” Second International Workshop on Mathematics and Computer Science, Ibn Khaldoun University, Tiaret, Algeria, December 1-2, 2014.

- “Intellectual History and Political Context in 17-18th Century Morocco,” Annual Meeting of the *Middle East Studies Association*, Washington DC, November 23, 2014.

- “Constructing the Body in 17th century Moroccan Debates on Smoking,” Annual Meeting of the *Middle East Studies Association*, New Orleans, October 12, 2013.

- "Sovereign Contagion: Idris al-Bidlisi's (d.1520) religious argument for fleeing the plague." Invited presentation at a conference at New York University entitled *Sovereignty: Stages and Frontiers*, May 3-4, 2013.

WITKAM, J. J.

- "Johann Gottfried Wetzstein's manuscripts with popular stories", conference: "Studies on Johann Gottfried Wetzstein (1815-1905). Manuscripts, Politics and Oriental Studies". Berlin, Staatsbibliothek, 19-21 February 2015.

- "Working with Manuscripts. Islamicate vs. Latinate", Opening lecture of the Seminar 'Introducing Islamic Manuscripts', Oxford Centre for Islamic Studies, 22 January 2014.

- "Quelques idées sur l'écriture maghrébine: Paléographie des écritures arabes d'al-Andalus, du Maghreb et de l'Afrique subsaharienne". Journée d'étude au Centre Jacques Berque, Rabat, le jeudi 28 novembre 2013.

- "The Islamic Manuscripts in the McPherson Library, University of Victoria, Victoria BC", Lecture held in the session of 'Predigital books', McPherson Library, University of Victoria, 4 October 2013.

- "Mecca's First Photographers (1880-1890): Lives, Activities and Work", Lecture held on Thursday, 18 April 2013. NVIC, Cairo.

YANO, Michio

- "Eastern Perspective of the Conference", The Impact of Arabic Sources on Divination and the Practical Sciences in Europe and Asia, Erlangen, 21-23 January 2014 (with Sho Hirose).

- "Mathematical models and cosmology in early Indian astronomy", International Congress of the History of Science, Technology and Medicine, Manchester, 21-28 July 2013.

- "Indian elements of al-Khwārizmī's astronomy", SAW workshop, Paris, May 19, 2014.

- "Astral sciences, mathematics and rituals in India", SAW workshop, Paris, March, 2015.

- "Geometrical model and observation in Indian astronomy", SAW workshop, Paris, March, 2015.

9. UPCOMING CONFERENCES

- Ptolemy's Science of the Stars in the Middle Ages, Warburg Institute, London, on 5-7 November 2015. The conference is organised jointly by the project Ptolemaeus Arabus et Latinus (<http://ptolemaeus.badw.de>) and the Warburg Institute. For more information see the Warburg Institute webpage <http://warburg.sas.ac.uk/events/colloquia-2015-16/ptolemys-science>.

-The IX International Conference on Oriental Astronomy will take place at Pune in November 2016. For more information see: www.Icoa2016.tifr.res.in

- The 25th International Congress on the History of Science and Technology will take place in Rio de Janeiro, 23-29 July 2017. For more information and registration see: <http://www.ichst2017.sbhc.org.br/> . The Congress organizers have also issued the first Circular of the Congress. It can be downloaded from the DHST Website: <https://docs.google.com/viewer?a=v&pid=sites&srcid=ZGhzdHdlYi5vcmd8d3d3fGd4OjE0NWU4ODJhZDZlZDc0ZGU>

10. TEACHING ACTIVITIES

BAGHERI, Mohammad

- History of Mathematics, Mathematics Department, University of Gilan (Rasht), 2013 to 2015.

FANCY, Nahyan

- Readings in Islamic Medicine (AMESALL, Rutgers University, New Brunswick).

HOGENDIJK, Jan P.

- Geschiedenis van de wiskunde, Mathematics Department, University of Utrecht (with Dr. Steven Wepster).

- Introduction to the History of Science in Islamic Civilization, Mathematics Department, University of Utrecht (with Hüseyin Sen).

GIAHI YAZDI, Hamid-Reza

- As a director in history of astronomy for masters' students in the academic years: 2013, 2014 and 2015, Institute for the History of Science, University of Tehran.

GÜNERGUN, Feza

Supervision of MA and PhD theses conducted and defended in the Department of the History of science, Istanbul University:

Atilla Polat, “19. Yüzyıl Osmanlı Bilim Hayatında Öncü Bir Matematikçi: Vidinli Hüseyin Tevfik Paşa” (A pioneering mathematician in the 19th century Ottoman scientific life: Vidinli Hussein Tevfik Pasha), 2014.

Aslıhan Cengiz Altunbaş, “Türkiye’de Uygulamalı Matematik Araştırmalarının Başlangıcı ve Gelişimi (1923-1963)” (Applied mathematics in Turkey (1923-1963): Its beginning and evolution), 2015.

MARCOTTE, Roxanne

- Non-western Thought: Arabic / Persian philosophical *Akhlaq* (Ethics)

RAGEP, Jamil F.

Seminar on ‘Alī Qūshjī’s *Sharḥ* on Ṭūsī’s *Tajrīd al-‘aqā’id* (taught with Robert Wisnovsky and Ihsan Fazlioglu), Winter 2015, McGill University.

11. WEBSITES

A. Art, Architecture, and Instruments

MUSEUM WITHOUT FRONTIERS: This is an organization, with a network of partners from 19 countries that aims to become a gateway to presenting works of art, architecture and archaeology. <http://www.discoverislamicart.org/home.php>

A NEW WEB ACADEMIC PORTAL

British Muslim Heritage Center (www.bmhc.org.uk) has established the website: www.HeritageofIslam.co.uk in 2014. It provides online education, and contains many peer-reviewed articles, book reviews, academic lectures and conferences, number of short reports on news and academic events related to Islamic Civilization and heritage research and a timeline.

MUQARNAS: A Three-Dimensional Decoration of Islamic Architecture (courtesy of Shiro Takahashi). <http://www.tamabi.ac.jp/idd/shiro/muqarnas/>

NEXUS NETWORK JOURNAL: Architecture and Mathematics Online. A peer-reviewed online research resource for studies in architecture and mathematics. It is published twice yearly in print by Kim Williams Books. <http://www.nexusjournal.com/>

ISLAMIC TILES: This is the research section of the homepage of Peter J. Lu (a research associate in the Department of Applied Physics at Harvard University). He discusses here his research regarding decagonal and quasi-crystalline tilings in Medieval Islamic architecture and provides further links. <http://www.peterlu.org>

A CATALOGUE OF MEDIEVAL ASTRONOMICAL INSTRUMENTS TO CA. 1500. A catalogue of existing astrolabes, quadrants and sundials (Islamic to 1900 and European to 1550) including detailed descriptions of about 750 instruments. Also see David A. King, "Medieval Astronomical Instruments: A Catalogue in Preparation." *Bulletin of the Scientific Instrument Society* 31(1991): 17-20.

<http://web.uni-frankfurt.de/fb13/ign/instrument-catalogue.html>

EPACT: SCIENTIFIC INSTRUMENTS OF MEDIEVAL AND RENAISSANCE EUROPE

This is an electronic catalogue of medieval and renaissance scientific instruments from 4 European museums (by makers who were active before 1600): the Museum of the History of Science, Oxford; Istituto e Museo di Storia della Scienza, Florence; the British Museum, London; and the Museum Boerhaave, Leiden. It consists of 520 catalogue entries and supporting material.

<http://www.mhs.ox.ac.uk/epact/>

B. Institutes and Libraries

CZECH REPUBLIC: National Library of the Czech Republic, A Manuscriptorium service.

<http://www.manuscriptorium.com/>

DENMARK: The Royal Library, Copenhagen. Digitized materials from the Oriental Collections: including Arabic, Persian, Chinese, Japanese, Tibetan, Mongolian, and Indian manuscripts.

<http://www.kb.dk/en/nb/samling/os/osdigit.html>

FRANCE: Gallica: La bibliothèque numérique de la Bibliothèque Nationale de France

<http://gallica.bnf.fr/>

GERMANY: The Institute for the History of Arabic-Islamic Science, Frankfurt am Main.

Director: Fuat Sezgin

<http://web.uni-frankfurt.de/fb13/igaiw/index.html>

Leipzig University Library: A project for cataloguing and digitizing 55 Islamic manuscripts.

<http://www.islamic-manuscripts.net/content/index.xml;jsessionid=661CB22F2557D546340CB239BFDAE999?lang=en>

The Executive Board of the Islamic Scientific Manuscripts Initiative (Lorraine Daston, Sally Ragep and Jamil Ragep), has recently announced the launch of a website that is making available images of 123 Islamic astronomical and mathematical codices from the Staatsbibliothek zu Berlin (Berlin state Library).

<https://ismi.mpiwg-berlin.mpg.de>

INDIA: Khuda Bakhsh Oriental Public Library, Patna.

<http://kblibrary.bih.nic.in/>

IRAN: Library, Museum and Document Center of Iran Parliament has provided scans of thousands manuscripts for free access in the Internet. This Center is a pioneer in facilitating free circulation of manuscript copies for scholars all around the world.

<http://ical.ir/en/>

Agha Bozorg is a Persian website which provides information about oriental manuscripts in Iran and other countries.

<http://www.aghabozorg.ir/>

A Center for Kūshyār Studies was inaugurated in the University of Gilan (Rasht, Iran) on 28 January 2015. Its aim is to archive the manuscript copies of the works of Kūshyār Gīlānī (Iranian astronomer and mathematician who lived around 1000 AD). Copies of books and papers containing editions, translations and investigations of his works are also collected in this Center. There are plans to launch studies and publications to revive Kūshyār's scientific heritage, as well as lectures, gatherings, workshops etc. Studies in the history of science in general, and in the Islamic civilization in particular are also in the scope of its future plans. For more information about the Center and its programs, contact mohammad.bagheri2006@gmail.com. The Center is located in the Gilanology Institute of the University of Gilan: <http://www.guilanshenasi.ir/>.

IRAQ: Iraqi Libraries Network. A collaborative project by Iraqi Librarians with the goal of providing information related to Iraqi libraries. Supported by Bielefeld University Library, Cologne University of Applied Sciences, Goethe-Institut, and University and State Library Saxony-Anhalt.

<http://iraklib.ub.uni-bielefeld.de/>

<http://www.iraqlib.net/>

MALI: Timbuktu Libraries.

<http://www.loc.gov/exhibits/mali/>

For other West African MSS see: <http://westafricanmanuscripts.org/>

UNITED KINGDOM:

British Library, Manuscripts Catalogue:

<http://www.bl.uk/catalogues/manuscripts/INDEX.asp>

Arabic materials online:

<http://www.bl.uk/collections/arabonline.html>

The Arabic Section:

<http://www.bl.uk/collections/arabic.html>;

The Persian Collection:

<http://www.bl.uk/collections/persian.html>

The Indian Office Select materials (holdings of India Office private papers, prints and drawings, photographs within the Library's Asia, Pacific and Africa Collections).

<http://www.bl.uk/catalogues/indiaofficeselect/welcome.asp>.

The focus is on the catalogues of South Asia, but there are parts on the Middle East.

University of Leeds: Digitized Arabic texts. The Leeds project is particularly interested in developing techniques to examine watermarks along with other concealed properties of the paper.

<http://www.comp.leeds.ac.uk/arabictexts/index.shtml>

USA

Brown University: the Minassian collection of Persian, Mughal and Indian Miniature Paintings

<http://library.brown.edu/cds/minassian/>

Harvard University: Islamic Heritage Project:

<http://ocp.hul.harvard.edu/ihp/manuscripts.html>

The Johns Hopkins University, the Sheridan Libraries: "Gold Koran"

<http://goldkoran.mse.jhu.edu/htdocs/mrsid/Koran/>

ISLAMIC MEDICAL MANUSCRIPTS AT THE NATIONAL LIBRARY OF MEDICINE.

For students, the site includes an extensive glossary of medical, scientific, and book-production terminology linked to the text. For advanced scholars, the site provides a catalogue raisonné (including images) from the 300 or so Persian and Arabic manuscripts in the National Library of Medicine. Most of these manuscripts deal with medieval medicine and science and were written for learned physicians and scientists. Some of the manuscripts are richly illuminated and illustrated.

<http://www.nlm.nih.gov/hmd/arabic/arabichome.html>

Princeton University: The ShahnamaProject

<http://www.princeton.edu/~shahnama/>

For other Islamic MSS at Princeton, see:

<http://library.princeton.edu/projects/islamic/>

Schoenberg Center for Electronic Text & Image (SCETI), University of Pennsylvania

<http://dewey.library.upenn.edu/sceti/browse.cfm?nav=browselanguage&type=language&language=arabic>

For more Islamic MSS at the University of Pennsylvania, see:

http://dla.library.upenn.edu/dla/medren/search.html?fq=language_facet:%22Arabic%22

UCLA: Near Eastern Manuscripts: Caro Minasian Collection Digitization Project

http://unitproj.library.ucla.edu/dlib/minasian/list_mss.cfm

See also: Caro Minasian Collection of Arabic and Persian Manuscripts:

<http://minasian.library.ucla.edu/>

Yale University: Near Eastern, Islamic & Arabic Studies

[http://www.library.yale.edu/neareast/1_research/general.html]

For digitized MSS at Yale, see:

http://www.library.yale.edu/ysimg/img_med_mss.htm

C. Manuscripts and Manuscript Projects

AMMS: West African Arabic Manuscript Project. A bi-lingual database developed at the University of Illinois in the late 1980s to describe a collection of Arabic manuscripts in southern Mauritania (Boutilimit) as well as 7 other Western African collections including the manuscript libraries at the Institut Mauritanien de Recherche Scientifique, Northwestern University, and the Centre Ahmad Baba in Timbuktu.

<http://westafricanmanuscripts.org/>

ECHO: European Cultural Heritage Online. Open Access to more than 330 authors; 206,600 documents; 300,000 high resolution images of historical sources; over 240 film sequences of scientific source material; and more than 57,500 full-text page transcription in several languages. They are particularly interested in history of science.

<http://echo.mpiwg-berlin.mpg.de/home>

IRAN: Written Heritage Research Institute

<http://mirasmaktoob.ir/>

RATIONAL SCIENCES IN ISLAM: An Initiative for the Study of Philosophy and the Mathematical Sciences in Islam. Centered at McGill University, the project to study the rational sciences in Islam will investigate the philosophical, scientific, and theological traditions of Islam in a holistic manner. The primary goal is to increase our understanding of how Muslim scholars and the various publics making up Islamic societies explored the world through rational means, and the products and consequences of those explorations.

<http://islamsci.mcgill.ca/RASI/>

The project is made up of 3 components: The Islamic Scientific Manuscripts Initiative (ISMI) (<http://islamsci.mcgill.ca/RASI/ismi.html>), The Post-classical Islamic Philosophy Database Initiative (<http://islamsci.mcgill.ca/RASI/pipdi.html>) and Scientific Traditions in Islamic Societies (<http://islamsci.mcgill.ca/RASI/stis.html>). For ISMI, see also <http://ismi.mpiwgberlin.mpg.de/>

TIMA: The Islamic Manuscript Association, Cambridge, UK. An international effort to protect Islamic manuscripts.

<http://www.islamicmanuscript.org/Home.html>

BOOK OF CURIOSITIES. The Bodleian Library at the University of Oxford has acquired a cosmological treatise entitled *Kitāb Gharā'ib al-funūn wa-mulaḥ al-'uyūn*. The treatise contains diagrams of the heavens and maps of the earth. This copy was probably made in Egypt in the late 12th or early 13th century from an anonymous work compiled in the first half of the 11th century in Egypt.

www.bodley.ox.ac.uk/bookofcuriosities

YOUSSEF ZIEDAN: Dr. Youssef Ziedan of the Bibliotheca Alexandrina has placed pdfs of a number of MSS online. In some cases, only the first page is accessible.

http://ziedan.com/index_o.asp

D. Mathematics

BIBLIOGRAPHY BY TOPIC OF THE MATHEMATICAL SCIENCES IN THE MEDIEVAL ISLAMIC WORLD (courtesy of Jeff Oaks). Includes works published in Western European languages since 1950.

<http://facstaff.uindy.edu/~oaks/Biblio/Intro.htm>

THE BRITISH SOCIETY FOR THE HISTORY OF MATHEMATICS (bshm). Its mission is to promote research into the history of mathematics and its use at all levels of mathematics education.

<http://www.dcs.warwick.ac.uk/bshm/>

HISTORY OF ISLAMIC MATHEMATICS (courtesy of Jan Hogendijk). This site contains links to scholars working in the History of Mathematics and Science and Islamic science.

<http://www.jphogendijk.nl/links.html>

WILBOUR HALL. This web site contains electronic versions of many important texts in the history of the exact sciences through the Renaissance. It is perpetuates the scope and interests of Brown University's History of Mathematics department.

Wilbourhall.org

E. Medicine

THE INTERNATIONAL SOCIETY FOR THE HISTORY OF ISLAMIC MEDICINE (ISHIM).

<http://www.ishim.net/>

Among their objectives: promoting the contributions of Arab and Muslim physicians to the history of medicine; establishment of a library (which will include an index and copies of manuscripts); and issuing a bi-annual journal and newsletter.

<http://www.ishim.net/links.htm>

MEDICAL ENCYCLOPEDIA OF ISLAM AND IRAN. The encyclopedia aims to provide articles on Islamic medicine on subjects such as biographies of physicians, diseases and treatment methods, medical terms and medical institutions. [in Persian and Arabic]

F. Philosophy

ISLAMIC PHILOSOPHY ONLINE. Books and articles on Islamic philosophy, ranging from classical texts to modern works of Muslim philosophy. Featured original resources include:

A Dictionary of Islamic Philosophical Terms: <http://www.muslimphilosophy.com/pd/index.html>

A Map of Islamic Philosophy: <http://www.muslimphilosophy.com/ip/p1.htm>

Major Islamic Philosophers: <http://www.muslimphilosophy.com/#people>

The Journal of Islamic Philosophy: <http://www.muslimphilosophy.com/journal/index.html>

G. Technology

FILĀḤA TEXTS PROJECT: The purpose of the Filāḥa Texts Project is to publicise and elucidate the written works collectively known as the *Kutub al-Filāḥa* or 'Books of Husbandry' compiled by Arab, especially Andalusī, agronomists mainly between the 10th and 14th centuries
<http://filaha.org/>

HISTORY OF SCIENCE AND TECHNOLOGY IN ISLAM: The website contains numerous articles and notes by Prof. al-Hassan on various issues in the history of science and technology and articles by Mohammed Abattouy on the science of weights. There is also an English translation of an article [in Arabic] by Moustafa Mawaldi
<http://muslimheritage.com/topics/default.cfm?ArticleID=950>.
The home page is: <http://muslimheritage.com>.

H. Maps

OKLAHOMA UNIVERSITY: Compiled by Joshua Landis, University of Oklahoma; Islam's Historical Development.
<http://www.ou.edu/mideast/category/maps.htm>

THE UNIVERSITY OF TEXAS: The Perry-Castañeda map collection of the University of Texas Library. Includes maps of the Islamic world and links to other map collections.
<http://www.lib.utexas.edu/maps/>

I. General

ARABIC BOOKS and Unpublished Manuscripts:
<http://www.al-mostafa.com/>

ASTRONOMY ANIMATIONS: Professor Dennis Duke of Florida State University has created animations of models from Ptolemaic and Islamic astronomy.
<http://people.sc.fsu.edu/~dduke/models.htm>

ISLAMIC ASTRONOMERS from the Biographical Encyclopedia of Astronomers, gen. ed. Thomas Hockey with the assistance of Marvin Bolt, Katherine Bracher, Richard Jarrell, Jordan Marché, JoAnn Palmeri, F. Jamil Ragep, Virginia Trimble, and Thomas Williams. New York: Springer, 2007.
<http://islamsci.mcgill.ca/RASI/BEA/>

INDIAN BOOKS CENTRE: Publishers and suppliers of books related to Philosophy, Religion (Hinduism, Buddhism, Jainism, and Christianity), History, Geography, Art, Archaeology, Sociology, Sanskrit, Ayurveda, Tibetan, Unani, Yoga, and other medicinal therapies. One can request rare, out-of-print, and other Indian books.
<http://www.indianbookscentre.com>

PERSIAN ENCYCLOPEDIA OF THE WORLD OF ISLAM. This encyclopedia was established in Tehran in 1983 by the Encyclopaedia Islamica Foundation. When finished, it will be in 64 volumes. In spring 2015, the 19th volume has been published. Its Arabic version is also being prepared and 7 volumes are published. Some selections of its article are translated into English and 20 volumes of them are also published.
<http://www.encyclopaediaislamica.com/>

THE GREAT ISLAMIC ENCYCLOPAEDIA. This Persian encyclopedia also started in 1983 and up to now has published 21 volumes. It is also being translated into Arabic and English of which 5 and 8 volumes are published, respectively.
<http://global.cgie.org.ir/>

SCIENCE IN THE CATALAN CULTURE: Science in the Catalan Culture in the Middle Ages & the Renaissance.
<http://www.sciencia.cat/english/indexenglish.htm>

ENCYCLOPAEDIA IRANICA: *Encyclopaedia Iranica* is now online. This is the pre-eminent English-language reference source for Iranian civilization. The encyclopedia includes lengthy articles on core topics in Islamic studies.
Iranicaonline.org

12. PROJECTS

Ptolemaeus Arabus et Latinus

The project Ptolemaeus Arabus et Latinus started work at the Bavarian Academy of Sciences in Munich in May 2013. It was granted by the German Union of Academies and is funded by the German Federation and the German States for a period of 25 years. During this period five researchers will compile catalogues of all Arabic and Latin manuscripts containing Ptolemy's astronomical and astrological works (including the Centiloquium and other pseudepigrapha) and will edit these works. Project leader is Prof. Dag Nikolaus Hasse of the University of Würzburg, and the five researchers currently employed are the two research leaders David Juste and Benno van Dalen, the post-doc researchers María José Parra Pérez and Henry Zepeda, and the doctoral student Bojidar Dimitrov. Information on the project is already available on the website <http://ptolemaeus.badw.de>, and one of the main goals in the first years is to make extensive information on Ptolemaic works in Arabic and Latin and their manuscripts, as well as scans and transcriptions of important witnesses of these works, available through an online database.

13. NEW MEMBERS OF THE COMMISSION

Taro Mimura (Japan) joined CHOSTIS in 2013. He is a Research Associate at the School of Arts, Languages and Cultures in the University of Manchester (taro.mimura@manchester.ac.uk). His CV can be found at the following address:
<http://www.manchester.ac.uk/research/taro.mimura/>

Kaveh F. Niazi (USA) joined CHOSTIS in 2014. He works as an instructor of mathematics and Arabic at Stanford Online High School, and lives in Berkeley, CA.

kfniazi@gmail.com

Abdelmalek Bouzari (Algeria) joined CHOSTIS in 2015. He is a member of the Ecole Normale Supérieure in Kouba (Algeria). He may be contacted through his e-mails: malek_bouzari@yahoo.fr ; bouzari@hotmail.com ; bouzari@ens-kouba.dz; For his publications, etc., see: http://www.researchgate.net/profile/Abdelmalek_Bouzari

14. DEATHS

Khurshid F. Abdullozoda (b. 25 September 1940, Tajikstan) passed away on 20 January 2013.

He worked in the field of history of mathematics and astronomy in the Islamic civilization and he received honorary citizenship of Rasht (center of Gilan province, Iran) after the publication of the Persian translation (2010) of his Russian book on Kūshyār Gīlānī (1990). He lived in Khujand (Tajikstan) where his 75th birth anniversary will be celebrated in September 2015. He has investigated, among his other works, the life and works of Abū Maḥmūd Khujandī who was a colleague of Bīrūnī and Kūshyār. A report of his life and works together with an interview with him (in Persian) has been published in *Miras-e Elmi*, vol. 1, no. 2, Autumn 2012 & Winter 2013, pp. 175-181. Another report (again in Persian) is published in *Khabar-Name-ye Trikh-e Elm* (Iranian History of Science Newsletter), vol. 2, no. 9, winter 2013, p. 8.

Youcef Guergour (b. 1955, Algeria) passed away on 29 October 2013. For an obituary, see *Suhayl*, vol. 12 (2013), pp. 53-57.

Abdelhamid Ibrahim Sabra (b. 8 June 1924, Egypt-America) passed away on 18 December 2013. He was an influential authority among contemporary historians of science. For an obituary on “Bashi”, see *Suhayl*, vol.12 (2013), pp. 181-204.

Yvonne Dold-Samplonius (b. 20 May 1937, The Netherlands-Germany) passed away on 16 June 2014. In the World Mathematics Year 2000, she received the honorary citizenship of Kashan (Iran) for her work (including two videos entitled “A qubba for al-Kāshī” and magic of *muqarnas*”). An obituary is published in *Historia Mathematica*, vol. 42 (2015), pp. 1-4.

Miryam Mikhailovna Rozhanskaya (b. 25 July 1928, Russia), passed away on 28 November 2014. “Mira” was a member of the Scientific Board of the Institute for the History of Science

and Technology (an affiliation of the Russian Academy of Science) in Moscow. Her main field of research was history of ancient and medieval mechanics, mathematics and astronomy. An account of her academic life is provided in: *Archives Internationales d'Histoire des Sciences*, no.141, vol. 48 (1998).