

Channels of Transmission of Astronomical Knowledge in the Ottoman World (14th-18th Centuries)



21-24 November 2023
Istanbul, Türkiye

PROGRAMME

Tuesday, 21 November

08.30 - 09.30

Registration starts at the Symposium Venue
(Istanbul University Rectorate Building)

09.30 - 10.30

Opening ceremony - Welcome and Introduction

10.30 - 12.00

Session 1 : Tracing the Astronomical Heritage Through Libraries, Archives and Museums

Chair: Saltuk Duran

Martin Godon, *Sources of Astronomical Research in French Archives: National and Diplomatic Institutions*

Hülya Ataşcioğlu Aykul, *Presentation of the Astronomical and Cosmos Material in the Archeology Museum of Istanbul*

Ebru Onay, *An Astronomical Collection of the Turkish Historical Society Library*

12.00 - 13.30

Lunch

13.30 - 14.45

Session 2 : Sundials, Astrolabes and Quadrants

Chair: Taha Yasin Arslan

David King - François Charette, *A Scientific Instrument Dedicated to Fatih Mehmet in 881 Hijra*

Sergei Maslikov, *Sultan Bayezid II's Astrolabe Discovered in St. Petersburg*

Eslem Günaydın, *Islamic Arts Through Ottoman Quadrants*

14.45 - 15.00

Coffee Break

15.00 - 16.15

Session 3 : Transmission of Astronomical Knowledge

Chair: Tuncay Zorlu

Abdelwahab Shaker, *Ibn Zunbul al-Rammal and His Astronomical Knowledge Between Cairo and Istanbul*

Şeyma Ceren Sanlı, *Tracking the Heritage and the Impact of the 16th Century Ottoman Astronomy Through the First Artificial Language Balaibalan*

Nargis T.Nurulla-Khoja, *Distant Intellectual Neighborhood: Ulugbek and Copernicus Via Ottoman's Legacy*

16.15 - 16.30

Coffee Break

16.30 - 17.30

Round Table Discussions

Moderator: Jan P. Hogendijk

19.00 - 21.30

Opening Cocktail at IFEA

Wednesday, 22 November

09.30 - 10.45

Session 4: Channels of Transmission of Astrological and Magical Iconography

Chair: Feray Coşkun

Jeffrey Kotyk, *Islamicate and East Asian Depictions of the Planets*

Florence Somer, *Astrological Iconographic Transfer to Persian, Arabic and Ottoman Manuscripts*

Aida Alavi, *Persian-influenced Magical Objects in Ottoman Manuscripts*

10.45 - 11.00

Coffee Break

11.00 - 12.15

Session 5: Politics, Religion and Power in Relation to Astrology

Chair: Sinem Eryılmaz

Anna Alexia Markouizos, *Les Anneaux de Saturne: Tracking the Transmission of Astrological Knowledge Between the Perso-Arab and Byzantine Worlds*

Vladimir Rozov, *In Search of Abū Ma'shar: The Attribution of Early Modern Age Treatises Titled Kitāb al-Mawālīd*

Josefina Rodriguez-Arribas, *Sephardic Jews in the Ottoman Realm – The Scientific Diaspora*

12.15 - 13.45

Lunch

13.45 - 15.00

Session 6: Ottoman Astrological Heritage

Chair: Godefroid de Callataÿ

Hüseyin Cahit Sarıkaya, *Some Thoughts on Divination, Mysticism, and Astrology in the Early Modern Ottoman Empire*

Seyyed Hadi Tabatabaie, *Turkish Translation and Description of Kushyar Ibn Labban al-Jili's (Gilani) Mujmal al-'Usul from Arabic or Persian, an Important Sample for Astrological Treatises Transfer to Ottoman World*

Abdüsamet Yılmaz, *Ragıp Pasha's 15 Sacs of Gold: Remarks on the Occult Network Around an Ottoman Bureaucrat*

15.00 - 15.15

Coffee Break

15.15 - 16.15

Round Table Discussions

Moderator: Florence Somer

16.45 - 18.20

Visit the Istanbul Archeological Museums, Gülhane
(meet at the Rectorate building at 16.20)

Thursday, 23 November

09.30 - 10.45

Session 7: Astronomical Heritage from Samarkand

Chair: Hasan Umut

Sara Yarmahdavi - Habib Alah. Saeedinia, *Investigating the Fusion of Mongol and Timurid Astronomy in Samarkand School and Observatory and Transferring Its Legacy to the Ottoman Empire*

Kaveh Niazi, *Risālah Dar Hay'at and Its Predecessors*

Orhan Güneş, *Tracing the Samarqand School in the Ottoman Empire: Ğulām Sinān's Fath al-Fathiyya*

10.45 - 11.00

Coffee Break

11.00 - 12.15

Session 8: Theories, Calculations and Predictions

Chair: Jan P. Hogendijk

Mostafa Yavari, *Effort Astronomical Calculations Without the Need for a New Theory, Ulugh Beg - Qushjī's Geometric Solution for Calculating Planetary Latitude*

Sena Aydın, *Astronomers Who Utilized the Science of Optics: The Examples of Qutb al-Dīn al-Shīrāzī and Fathallāh al-Shīrvānī*

Amir Mohammad Gaminī, *A Survey of Seydi Ali Reis's Arguments for the Immobility and Centricity of the Earth in His Khulāsāt al-Hay'a and Their Roots in Qutb al-Dīn Shīrāzī's Works*

12.15 - 14.00

Lunch & Optional short lunch-time visit to the Department of Astronomy and Space at Istanbul University

14.00 - 15.15

Session 9: Astronomical Instruments

Chair: Feza Günergun

Jan P. Hogendijk, *Tradition and Innovation in the Astrolabe Treatise of Taqi al-Din Ibn Ma'ruf (1526-1585 AD)*

Hüseyin Şen, *Taqi al-Din and His Main Astronomical Work Sidrat al-Muntaha*

Mireia Martínez i Sellarès, *On Some Parallels Between the Ottoman and Western European Astronomical Traditions in the 16th and 17th Centuries*

15.15 - 15.30

Coffee Break

15.30 - 16.45

Session 10: Navigation and Nautical Astronomy

Chair: Emrah Safa Gürkan

L R Krishna - Abhishek Shandilya - T.V. Bharat, *'Jyahorda' – A Precursor to Modern Navigational Instruments*

Harald Gropp, *The Map of di Virga from Venezia to Heidelberg and Where is It Now?--- What Can We Learn for the Evolution of Nautical Charts?*

Gaye Dañşan, *From Invisible to Visible: Tracing Ottoman Astronomy in the Nautical Tradition Through the Manuscripts, Portolans and Calendars (16th-18th centuries)*

16.45 - 17.00

Coffee Break

17.00 - 18.00

Round Table Discussions

Moderator: Ahmed Grigahcène

Friday, 24 November

09.30 - 10.45

Session 11: Calendars in Circulation

Chair: Aida Alavi

Solmaz Ceren Özdemir, *A Case Study on Natural Phenomena: How Eclipses Were Placed in the Ottoman Munejjim Küfri Hasan Çelebi's Almanacs (1646-1660)?*

Taha Yasin Arslan, *An Englishman in the Ottoman Lands and His Pursuit of a New Calendar*

Gaye Danişan - Kutsi Aybars Çetinalp, *The Reception of an Ottoman Perpetual Calendar in 17th-Century Europe: Georg Hieronymus Welsch's "Commentarius in Ruzname Naurus"*

10.45 - 11.00

Coffee Break

11.00 - 12.15

Session 12: Astronomical Heritage Through Ages-I

Chair: Florence Somer

Atefeh Sarhadi - Mohammed Reza Esna Ashari, *The Indigenization of the Middle Persian Lunar Mansions in the Islamic and Ottoman Astronomical Literature*

Nareemas Chehlaeh - Nusreen Masae, *The Influence of Ottoman Astronomy in Malay Sources Discovered in the Deep South of Thailand*

Solmaz Ceren Özdemir - Mar Rivera Colomer, *A Comparative Analysis of Astro-Medical Context: Maṭālī' al-Sa'āda and Ottoman Calendars (1580-1660)*

12.15 - 14.00

Lunch & Optional short lunch-time visit to the Istanbul University Rıdvan Çelikel Archeology Museum

14.00 - 14.20

Session 13: Posters

Chair: Mar Rivera Colomer

Reza Namazi - Fereshteh Derakhshesh, *Political Prophecies of Astrologers During the Safavid Dynasty*

Cevat Mert Çetin - E.Sena Darbaz, *The Perception of Astrological Elements from the Subconscious of the Ottoman People*

İbrahim Köksal, *Between Heritage and Innovation: The Astronomical Instruments of the Istanbul Observatory (1577-1580) Through Âlât-ı Rasâdiye Li Zîc-i Şehinşâhiye (Supp. Turc 1126, BNF)*

14.20 - 15.35

Session 14: Astronomical Heritage Through Ages-II

Chair: Gaye Danişan

Madhvendra Narayan, *Astronomical Works of Sawai Jai Singh in the Context of Greek, Hindu, Arab, and European Astronomy*

Wilfred de Graaf, *A Drawing of a Universal Rectilinear Dial by the 18th Century Ottoman Scholar Mustafa Sıdkı*

Ahmed Grigahcène, *Outstanding Features on Astronomical Practice in Ottoman Algeria*

15.35 - 15.50

Coffee Break

15.50 - 16.50

Round Table Discussions

Moderator: Saltuk Duran

16.50 - 17.35

Closing Session

Gaye Danişan and Florence Somer

19.00 - 21.00

Closing Cocktail at IFEA

Saturday, 25 November

09.45

Meeting in front of the Koç museum. Visit of the museum with a special focus on astronomical instruments and nautical instruments

12.00 - 14.00

Bosphore tour with lunch.

Acknowledge

Godefroid de Callataÿ, Prof. Dr.,
Arabic and Islamic Studies, The University of Louvain,
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**All biographical notes about other participants are in the book of abstracts.*



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