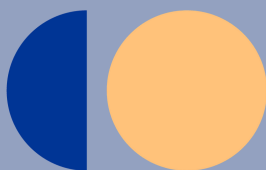




CONFERENCE PROGRAM

Copernicus and Astronomy: Continuity, Reform, and Dissemination

Toruń, Poland, 11–16 September 2023



**WORLD
COPERNICAN
CONGRESS**



COPERNICUS AND ASTRONOMY: CONTINUITY, REFORM, AND DISSEMINATION

Toruń, Poland, 11–16 September 2023

11 September (Monday)

19.00-21.00, WELCOME RECEPTION

12 September (Tuesday)

PTOLEMAIC AND ALFONSINE HERITAGE

08.00-09.00 REGISTRATION

09.00-09.30 CONFERENCE OPENING

09.30-10.30 PLENARY LECTURE (CHAIR: Robert G. Morrison)

F. JAMIL RAGEP, Institute of Islamic Studies, McGill University, Canada (Professor Emeritus)

The Genius of Nicholas Copernicus: An Islamic Perspective

SESSION 1 (CHAIR: Sally P. Ragep)

10.30-11.00 **Pre-Copernican Views of the Earth vis-à-vis Natural Philosophy**, Fateme Savadi, Institute of Islamic Studies, McGill University, Canada

11.00-11.30 **Al-Farghani's *Elements of Astronomy*: A Classified Account of Planetary Motions**, Razieh S. Mousavi, Max Planck Institute for the History of Science, Humboldt University of Berlin, Germany

11.30-12.00 COFFEE/TEA BREAK

SESSION 2 (CHAIR: Fateme Savadi)

12.00-12.30 **Sizes, Distances, and Order: Celestial Reckoning in Late Medieval Islam**, Sally P. Ragep, Institute of Islamic Studies, McGill University, Canada

12.30-13.00 **Sizes and Distances of the Celestial Bodies in 'Alī al-Qūshjī's *Astronomy: A Historical and Mathematical Analysis***, Hasan Umut, Department of History, Boğaziçi University, Turkey

13.00-13.30 **Heliocentric Bias in Ptolemaic Astronomy**, Sajjad Nikfahm-Khubravan, University of New Hampshire, USA

14.00-15.30 LUNCH

16.00-18.00 Opening Ceremony of the Toruń Part of the World Copernican Congress.

PLENARY LECTURES:

Rev. Professor Michał Heller, Copernicus Center for Interdisciplinary Studies of the Jagiellonian University;

Professor Andrzej Udalski, Astronomical Observatory of the University of Warsaw

18.00-19.30 Early music concerto

20.00-23.30 Congress banquet

13 September (Wednesday)
PTOLEMAIC AND ALFONSINE HERITAGE

09.30-10.30 PLENARY LECTURE (CHAIR: Richard L. Kremer)

MICHAEL H. SHANK, University of Wisconsin-Madison, USA (Professor Emeritus)

The 'Monsters' of Astronomy Before Copernicus: Regiomontanus's Criticisms of Ptolemaic Modeling in the *Defensio Theonis*

SESSION 3 (CHAIR: F. Jamil Ragep)

10.30-11.00 **Homocentric Astronomy and Copernicus**, Robert G. Morrison, Bowdoin College, USA

11.00-11.30 **Without Translators No Latin Astronomy: On the Status Quo of Research on Medieval Translators of Astronomy from Arabic into Latin**, Dag Nikolaus Hasse, Julius-Maximilians-Universität Würzburg, Germany

11.30-12.00 COFFEE/TEA BREAK

SESSION 4 (CHAIR: Michael H. Shank)

12.00-12.30 **Non-Ptolemaic Astronomy in Twelfth-century Latin Europe**, Philipp Nothaft, All Souls College, University of Oxford, UK

12.30-13.00 **Manuscripts Count? A Subjective View of the Alfonsine Tradition with Questions in the End**, Matthieu Husson, SYRTE, Observatoire de Paris - Université PSL, CNRS, Sorbonne Université, LNE, France

13.00-13.30 **The Equation of Time in the *Epitome Almagesti* and Other Latin *Almagest* Commentaries**, Henry Zepeda, Wyoming Catholic College, USA

13.30-15.30 LUNCH

SESSION 5 (CHAIR: Matthieu Husson)

15.30-16.00 **Examining Astronomical Traditions in the Late Byzantine World (13–15 c.)**, Alberto Bardi, Department of the History of Science, Tsinghua University, China

16.00-16.30 **The Place of the Alfonsine Tables of Paris in Late Byzantine Astronomy**, Anne-Laurence Caudano, University of Winnipeg, Canada

18.00-22.00 Copernican dinner in the Old Town restaurants

14 September (Thursday)
COPERNICAN ASTRONOMY

09.00-10.00 PLENARY LECTURE (CHAIR: Pietro D. Omodeo)
ROBERT S. WESTMAN, University of California San Diego, USA (Professor Emeritus)
Copernicus and the Problem of Astrology: Some Remarks on the State of the Question

SESSION 6 (CHAIR: Robert S. Westman)

10.00-10.30 **Copernicus and the Stams Astronomical Table of 1428**, Richard L. Kremer, Professor Emeritus of History, Dartmouth College, USA

10.30-11.00 **The Motivation and Trajectory of Copernicus's Early 'Homocentric' Planetary 'Models'**, André Goddu, Emeritus Professor of Astronomy and Physics, Stonehill College, USA

11.00-11.30 **Celio Calcagnini's Philosophical Defense of the Motion of the Earth (ca. 1518)**, Pietro Daniel Omodeo, Ca' Foscari University of Venice, Italy

11.30-12.00 COFFEE/TEA BREAK

SESSION 7 (CHAIR: André Goddu)

12.00-12.30 **Copernicus' Heliograph in Olsztyn**, Gerd Graßhoff, Humboldt University of Berlin, Berlin Institute for the Foundation of Learning and Data, Germany

12.30-13.00 **Copernicus's Astrological Expertise**, David Juste, Ptolemaeus Arabus et Latinus – Bayerische Akademie der Wissenschaften, Germany

13.00-14.30 LUNCH

15.00-17.30 Guided tour of Toruń

18.00-20.00 Piano recital by Mateusz Krzyżowski, Laureate of the 12th International Paderewski Piano Competition

20.00-22.00 Banquet

15 September (Friday)
EARLY RECEPTION

SESSION 8 (CHAIR: Anne-Laurence Caudano)

08.30-09.00 **The Keplerian Interpretation of Aristarchus's Copernicanism**, Christián Carlos Carman, National University of Quilmes, Argentina

09.00-09.30 **'And here appeareth the lawfull use of Astrologie': On the Distances and Sizes of the Planets in the Heliocentric Cosmos as Discussed in London in the Year 1603**, Jarosław Włodarczyk, Institute for the History of Science, Polish Academy of Sciences, Poland

09.30-10.00 **Reframing Copernicus' Earth–Moon *cognatio*: From Similarities to Evidence in Favor of Heliocentrism**, Natacha Fabbri, Museo Galileo. Istituto e Museo di Storia della Scienza, Italy

10.00-10.30 **Copernicans in Their Own Way: Struggling with Heliocentrism within the Academy of the Linceans (1603–1630)**, Federica Favino, Sapienza University, Italy

10.30-11.00 COFFEE/TEA BREAK

SESSION 9 (CHAIR: Christián Carlos Carman)

11.00-11.30 **The Initial Reception of Copernicus in Spain: From Jerónimo de Chaves and Jerónimo Muñoz to Diego de Mesa and Juan Cedillo Díaz**, Miguel Ángel Granada, University of Barcelona, Spain

11.30-12.00 **Copernicus in Astrological Works: Spanish Early Modern Authors**, Tayra MC Lanuza-Navarro, Ca Foscari Università di Venezia, Italy / Universitat Pompeu Fabra Barcelona, Spain

12.00-12.30 **Copernicus Biographies and Biographical Essays as Part of the Culture of Remembrance**, Andreas Kühne, Ludwig-Maximilians-Universität, Munich, Germany

12.30-13.00 CONFERENCE CLOSURE

13.00-14.30 LUNCH

16.00-18.00 Closing Ceremony of the World Copernican Congress

CLOSING LECTURE: Prof. Ewine van Dishoeck, former President of the International Astronomical Union

18.00-19.30 Modern music concerto

19.30-23.00 Banquet

16 September (Saturday)

09.00-15.00 Tours to historical sites related to Copernicus' life