

Creating an Ordered World in Disordered Times: The Pope Orrery

The Collection of Historical Scientific Instruments

Harvard University • November 3, 2023

Welcome and Introduction

8:45 AM

Welcome

Elizabeth Lunbeck

9:00 AM

The Life of Joseph Pope and That of His Orrery

plus Themes for the Day

Sara Schechner

American Clockmaking

9:40 AM

Joseph Pope's Clocks

Richard Ketchen

10:00 AM

The Practical Considerations
of Actually Building an Orrery: Rittenhouse and Pope

Frank Hohmann III

10:20 AM Discussion

10:40 AM Coffee Break

Mechanical Models, Spectacle, and Networks

11:00 AM

Who Bought a Grand Orrery and Why?
From the Earl of Orrery to the City of Glasgow

Alison Morrison-Low

11:20 AM

"Wonder, Reverence, and Delight":
The Clockwork Cosmos in Early Modern Exhibition and Education

Alexi Baker

11:40 AM

The Cosmos as Not-An-Orrery

Jessica Riskin

12:00 PM

The Cosmos and the Atlantic:
The Fabrication Network of the Pope Orrery

Edward S. Cooke, Jr.

12:20 PM Discussion

12:40 PM Lunch Break

Material World

The Pope Orrery: Technical Study and Conservation

1:30 -2:30 PM

Panel discussion of conservators and conservation scientists

Melissa Carr - woodworking and furniture

Katherine Eremin & Georgina Rayner - analysis of metals, paint stratigraphy

Tony Sigel - object conservation, brass figures

2:30 PM Discussion

2:50 PM Coffee Break

Expanding the Orbit

3:20 PM

An Enlargement of the Orbit: Pope's Orrery
and Eighteenth-Century Constitutionalism

Jill Lepore

3:40 PM

From Orreries to WorldWide Telescope and OpenSpace:
Making Two-Dimensional Paths on the Sky
into Motions in a Three-Dimensional Universe

Alyssa Goodman

4:00 PM Discussion

4:30 PM General Discussion and Conclusions

5:00 PM Thanks / End of Meeting

*CHSI gratefully acknowledges the generous support of the
David P. Wheatland Charitable Trust
and the sponsorship of the
IUHPST Scientific Instrument Commission.*

