

Workshop

Wuppertal, 21-22 August, 2019

**Manipulating the Sun:
Picturing Astronomical Miracles from the Bible in the Early Modern Era**

PRELIMINARY PROGRAMME

Wednesday, August 21, 2019

14:00-14:15 Julia Ellinghaus/Volker Remmert, Wuppertal: Welcome

14:15-15:00 Volker Remmert: Introduction

15:00-17:15 THE HOROLOGIUM AHAZ IN EARLY MODERN SCIENCE

Henrique Leitão (Universidade de Lisboa): A Mathematical Explanation of Horologium Ahas? Science and Exegesis of the Retrogradation of Shadows

15:50-16:20 Coffee break

Brent Purkale (University of Oklahoma): The Optics of Ahaz's Sundial within the Optical Literature of the Jesuit Order

17:15-18:00 JOSUA STOPPING THE SUN

Evonne Levy (University of Toronto): Joshua Stopping the Sun in the Gesù of Rome

19:00 Dinner

Thursday, August 22, 2019

09:00-11:50 ICONOGRAPHIC CONTEXTS

Azucena Hernández (Universidad Complutense de Madrid): The Sun Reverses its Course in front of an Impossible Solar Eclipse: the Frescoes on the Library of the Royal Site of El Escorial

Walter S. Melion (Emory University): The Prayer of Joshua and the Dial of Achaz: Paratactic Scriptural Illustration in the De Keyser, Vorsterman, and Van Liesveldt Bibles

10:40-11:00 Coffee break

- 11:00-11:50 Open session: Images of the *Sun Reversing its Course* in II Kings 20:8-11/Isaiah 38:8 (*Horologium Ahas*) and the *Sun Standing Still* in Joshua 10:12
- 11:50-16:10 INSTRUMENTS
- Andrew Morrall (Bard Graduate Center, New York): Christoph Schissler's *Horologium Ahaz Hydrographicum* as *Kunststück*
- 12:40-14:00 Lunch
- Susanne Thürigen (Staatliche Kunstsammlungen Dresden): Pointing it out: Miracles of the Sun in Hans Gruber's Astronomical Table Clock of 1583
- 14:50-15:20 Coffee break
- Denis Ribouillault (Université de Montreal): The Marvellous Staircases of Villa Pratolino "il celeste palazzo del sole"
- 16:10-16:30 CONCLUSIONS