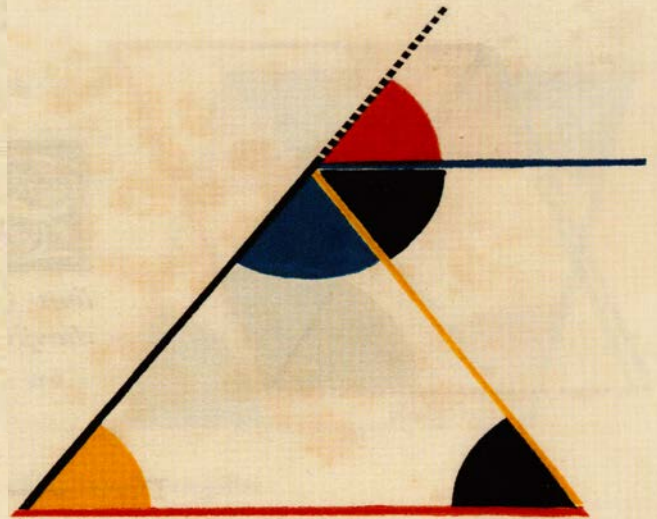
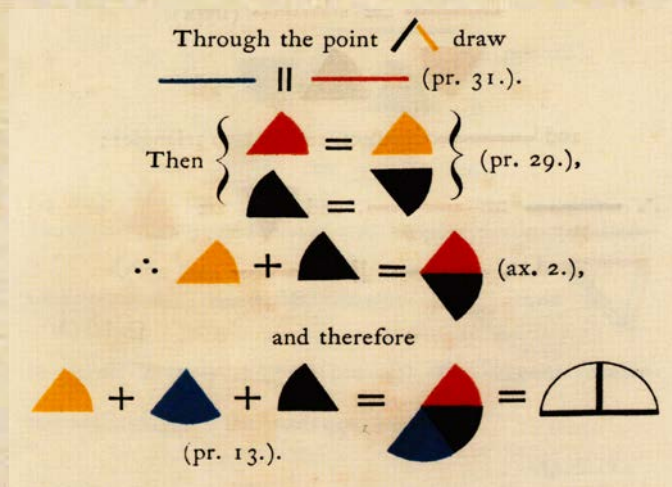


# Geometry and Space in the Early Modern Age

Berlin, July 6<sup>th</sup>-8<sup>th</sup>, 2015



Conference Room of the  
*Max Planck Institute for the  
History of Science*

Boltzmannstraße 22  
14195 Berlin

## Monday, July 6<sup>th</sup>

9:30 – 11:00      ANDREW ARANA (University of Illinois)  
*Imagination and Space in Early Modern Geometry*

11:15 – 12:45      BERNARDO MOTA (Universidade de Lisboa)  
*Euclidean Optics and the Perception of Space*

*Lunch*

14:15 – 15:45      ANGELA AXWORTHY (MPIWG)  
*The Euclidean Definition of the Sphere in the Renaissance:  
from the commentaries on Sacrobosco's Sphere and to the commentaries on Euclid's Elements*

16:00 – 17:30      DELPHINE BELLIS (Radboud University Nijmegen)  
*Gassendi's Theory of Space and its Relation to his Conception of Mathematics*

## Tuesday, July 7<sup>th</sup>

9:30 – 11:00 JOHN MUMMA (California State University)  
*Geometric Figure vs. Geometric Space in analyzing the Proofs of Elementary Geometry*

11:15 – 12:45 VINCENZO DE RISI (MPIWG)  
*The Development of Euclidean Axiomatics in the Early Modern Age*

*Lunch*

14:15 – 15:45 DAVIDE CRIPPA (SPHERE, Université Paris 7)  
*Revising the Distinction between Geometrical and Mechanical Curves:  
Leibniz and the geometrical nature of trochoids*

16:00 – 17:30 VALÉRIE DEBUICHE (Université d'Aix-Marseille)  
*The Problem of the Unity of Space in Leibniz's Metaphysics and Geometry*

## Wednesday, July 8<sup>th</sup>

9:30 – 11:00 TZUCHIEN THO (University of Bucharest)  
*Generic Space and Structural Causation in Leibniz's Dynamics*

11:15 – 12:45 MARIUS STAN (Boston College)  
*Early Retirement for Absolute Space: Huygens on inertial structure and relativity*

*Lunch*

14:15 – 15:45 DAVID MARSHALL MILLER (Iowa State University)  
*Preliminary Notes for a History of the Parallelogram Rule*

16:00 – 17:30 GENERAL DISCUSSION

Organized by  
VINCENZO DE RISI  
[vderisi@mpiwg-berlin.mpg.de](mailto:vderisi@mpiwg-berlin.mpg.de)

Research Group on Modern Geometry and Space  
Max Planck Institute for the History of Science, Berlin

