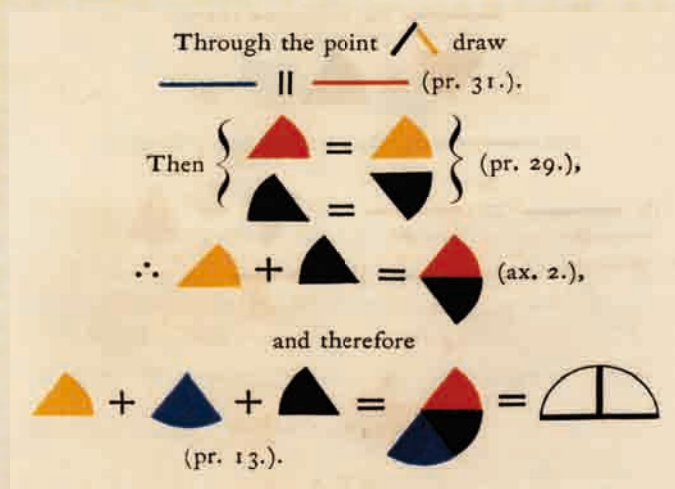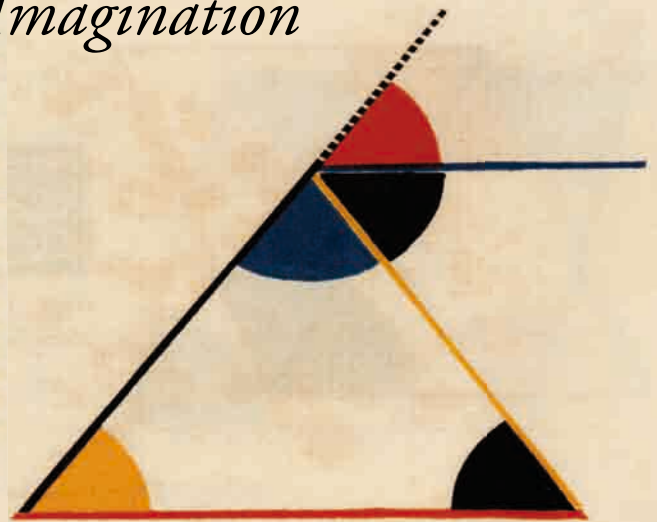# Space, Geometry and the Imagination
From Antiquity to the Modern Age

Berlin, 27-29 August 2012

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

Boltzmannstraße 22
14195 Berlin

Monday, August 27th

9:30 – 11:00   HENRY MENDELL (California State University)
What's location got to do with it? Place and Greek mathematics

11:15 – 12:45   ALEXANDER JONES (New York University)
Theon of Smyrna and Ptolemy on celestial modelling in two and three dimensions

Lunch

14:15 – 15:45   DAVID RABOUIN (CNRS, Paris)
Proclus's concept of geometrical space and its actuality

16:00 – 17:30   SILVIA DONATI (Albertus-Magnus-Institut, Bonn)
*Richard Rufus of Cornwall on the Origin of Quantity.
Thirteenth Century Discussions on the Ontological Status of Number and Extension*

Tuesday, August 28th

9:30 – 11:00	FRANCO FARINELLI (Università di Bologna) *Subject, Space, Object: The Birth of Modernity*
11:15 – 12:45	GARY HATFIELD (Pennsylvania University) *On Natural Geometry and Seeing Distance Directly in Descartes*
Lunch	
14:15 – 15:45	DOUGLAS JESSEPH (University of South Florida) *Hobbes's Theory of Space*
16:00 – 17:30	ANDREW JANIAK (Duke University) *Representing infinity: space and geometry in Descartes and Newton*

Wednesday, August 29th

9:30 – 11:00	DANIEL GARBER (Princeton University) *Leibniz's Transcendental Aesthetic: Ideal Space, Concrete Space, and Geometry in Leibniz*
11:15 – 12:45	GRACIELA DE PIERRIS (Stanford University) *Hume on Space and Geometry*
Lunch	
14:15 – 15:45	JEREMY GRAY (Open University) *Line, plane, and space: what has geometry got to do with experience?*
16:00 – 17:30	MICHAEL FRIEDMAN (Stanford University) *Kant on Space, Geometry, and the Possibility of Experience*

Organized by
VINCENZO DE RISI (MPIWG Research Director)
vderisi@mpiwg-berlin.mpg.de

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

Centro di Ricerca Matematica Ennio De Giorgi
Scuola Normale Superiore, Pisa