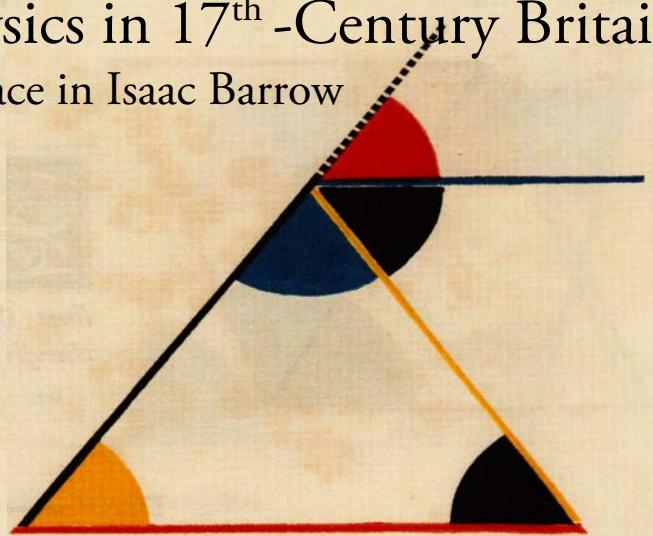


# Mathematics and Metaphysics in 17<sup>th</sup>-Century Britain

## II. Geometry and Philosophy of Space in Isaac Barrow

Berlin, June 23<sup>rd</sup> 2015



Through the point A draw  
 — II — (pr. 31.).

Then  $\left\{ \begin{array}{c} \text{yellow} \\ \text{black} \end{array} \right\} = \left\{ \begin{array}{c} \text{blue} \\ \text{black} \end{array} \right\}$  (pr. 29.),

$\therefore \text{yellow} + \text{black} = \text{blue}$  (ax. 2.),

and therefore

$\text{yellow} + \text{blue} + \text{black} = \text{yellow} + \text{black} = \frac{1}{2}$  (pr. 13.).

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

Boltzmannstraße 22  
 14195 Berlin

10:00 – 11:15 EDWARD SLOWIK (Winona State University)  
*English Theories of Space before Newton: Hobbes, More, Barrow*

11:30 – 12:45 IAN STEWART (King's College, Halifax)  
 "...so that by disputing I may utterly eradicate and remove all cause of disputation."  
*Mathematics and the Voice of Authority in Barrow's Lectiones Mathematicae*

Lunch

14:15 – 15:30 ANTONI MALET (Universitat Pompeu Fabra, Barcellona)  
*Barrow versus Hobbes on the Philosophy of Mathematics*

15:45 – 17:00 MARCO PANZA (Université Paris 1; CNRS)  
*Isaac Barrow and the Bounds of Geometry*

17:15 – 18:15 General Discussion  
 with MORDECHAI FEINGOLD (Caltech) and SIEGMUND PROBST (Leibniz-Archiv)

Organized by:

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Marco Panza (Université Paris 1; CNRS)

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