

**Workshop**  
**“On the Contested Expanding Rôle of Applied Mathematics from the  
Renaissance to the Enlightenment”**  
September 13 - 16, 2010

Date	Time	Speaker	Room
<b>September 13 Monday</b>	10:00 - 12:00	<i>Registration</i>	Segreteria
	16:30 - 17:00	<b>Richard Arthur, Niccolò Guicciardini</b> "Welcome and introduction to the workshop"	Sala Conferenze
	17:00 - 18:30	<b>John Heilbron</b> "Galileo's Force-free Physics"	Sala Conferenze
<b>September 14 Tuesday</b>	09:00 - 10:30	<b>Enrico Giusti</b> "The Legacy of Galileo: the Case of Giovanni Alfonso Borelli"	Sala Conferenze
	10:30 - 12:00	<b>Richard Arthur</b> "On the Mathematization of Motion before Instantaneous Velocity"	Sala Conferenze
	15:00 - 16:30	<b>Jed Buchwald</b> "Descartes' Experimental Journey Past the Prism and through the Invisible World to the Rainbow"	Sala Conferenze
	16:30 - 18:00	<b>Steffen Ducheyne</b> "Facing the Limits of "Deductions from Phenomena:" The Quest for a Mathematical-Demonstrative Optics"	Sala Conferenze
<b>September 15 Wednesday</b>	09:00 - 10:30	<b>Douglas Jesseph</b> "Abstract Symbols and Concrete Magnitudes"	Sala Conferenze
	10:30 - 12:00	<b>Yves Gingras</b> "The Role of Formal Analogies in the Mathematization of Science"	Sala Conferenze
	15:00 - 16:30	<b>Niccolò Guicciardini</b> "Qualifying the Received View on the Birth of Analytical Mechanics: The Case of Johann Bernoulli's Study of Motion in Resisting Media"	Sala Conferenze
	16:30 - 18:00	<b>Stephen Gaukroger</b> "D'Alembert, Euler and Rational Mechanics: What Mechanics Does Not Tell Us about the World"	Sala Conferenze
<b>September 16 Thursday</b>	09:00 - 10:30	<b>Benjamin Wardhaugh</b> "The End of 'Harmonics'?"	Sala Conferenze
	10:30 - 12:00	<b>James Bennett</b> "The Place of Instruments in the Expanding Role of Mathematics"	Sala Conferenze