

Saturday, September the 10<sup>th</sup>

## Invited Speakers

9,00 **Stanislav Joze Juznic** - University of Ljubljana

*Boscovich's Mid-European Legacy*

**Pasquale Tucci** - University of Milano  
*Boscovich's Influence on Nineteenth-Century Electricity and Magnetism*

## 10,00 Contributions

**Luciano Agnes** - Pavia  
*Ruggiero Boscovich in Pavia*

**Efthymios Bokaris and Vangelis Koutalis** - University of Ioannina  
*Teaching Boscovich's *Puncta in S.E. Europe: Athanasios Psalidas* "Physics in General"*

**Eri Yagi** - Eri Yagi Institute for History of Science, Tokyo  
*The Important Role of Particles through the Development of the Mechanical Theory of Heat*

## 11,20 Coffee Break

## 11,35 Contributions

**Ivan Mirnik** - The Zagreb Archaeological Museum  
*Roger Boscovich On Croatian Medals*

**Marco Martin** - Liceo Classico D'Oria, Genova  
*"Il giornale di viaggio da Costantinopoli in Polonia di Ruggiero Giuseppe Boscovich". A Surprising Report through Eastern Europe*

**Daniele Macuglia** - University of Chicago  
*Boscovich and the Mechanism of Vital Phenomena: an 18<sup>th</sup> Century Jesuit at the Borders between Physics and Biology*

## 13,00 Coffee Break

## Invited Speakers

14,30 **Luigi Pepe** - University of Ferrara  
*Gli "Elementa universae matheseos": un progetto incompiuto*

**Cesare Tocci e Danilo Capecchi** - University of Roma "La Sapienza"  
*Three Technical Reports of Boscovich on the Statics of Domes*

**Luca Guzzardi** - INAF—Osservatorio Astronomico di Brera  
*The End of a World? Ruggiero Boscovich and the Tradition of Didactic Poetry*

## 16,15 Coffee Break

## 16,30 Contributions

**Elio Antonello** - INAF - Osservatorio Astronomico di Brera  
*Water-filled Telescopes*

**Ezio Vaccari** - University of Insubria, Varese  
*Boscovich and the Earth Sciences*

**Maria Giulia Lugaresi** - University of Ferrara  
*Hydraulics and Hydrodynamics in Boscovich's Papers*

**Riccardo Balestrieri** - SAlt, San Marino  
*The Silting-up of the Port of Savona (1771 - 1772)*

18,30 **Concluding remarks: A panel on the future of Boscovich's *Opera Omnia* Project and on the related historiographical problems**

**U. Baldini, F. Bevilacqua, J. L. Heilbron, I. Martinović, E. Proverbio, H. Ullmaier.**



Il futuro ha radici profonde.



# Theresian Hall

## September 8 - 10, 2011

### Programme

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## Thursday, September the 8<sup>th</sup>

14,30 Registration of participants

15,00 **Welcome address by the Rector of Pavia University and the institutional representatives of the Edizione Nazionale delle Opere e della Corrispondenza di R. Boscovich**

15,30 **Introduction to the Conference**  
**Edoardo Proverbio** - Commissione Scientifica Edizione Nazionale  
*L'Edizione Nazionale delle Opere e della Corrispondenza di R. Boscovich*

## Key note speakers

16,00 **John L. Heilbron** - Worcester College, Oxford  
*A Jesuit Mathematician at Loose in the Republic of Letters*

16,45 **Coffee Break**

17,00 **Ugo Baldini** - University of Padova  
*Physics and Metaphysics in Boscovich*

**Edoardo Proverbio** — INAF - Osservatorio Astronomico di Brera  
*Le ricerche di Ruggiero Giuseppe Boscovich sulla realizzazione di obiettivi e oculari quasi acromatici e aplanatici di una sola sostanza*

## Conference activities

18,30 **Opening of the exhibition "Boscovich and his time through the Pavia University Library Collections"**

19,00 **Welcome Cocktail**

## Friday, September the 9<sup>th</sup>

### Invited speakers

9,00 **Ivica Martinović** - University of Zagreb  
*Distinctive Characteristics of Bošković's Natural Philosophy*

**Salvo D'Agostino** - University of Roma "La Sapienza"  
*Boscovich's Theoria Philosophiae Naturalis as a Synthesis between Relativistic and Structure - of - Matter Theories*

10,30 **Coffee Break**

### Contributions

**Barbara V. Villone** - Istituto di Fisica dello Spazio Interplanetario, INAF  
*The Boscovichean Concept of Space and Time in the Supplementa to Philosophiae Naturalis Theoria*

**Augustus Prince** - Brookhaven National Laboratory  
*An Analytical Form of the Boscovich Curve with Applications*

**James McAllister** - University of Leiden  
*Boscovich, the Paradoxes of Contact Action, and the Rise of Dynamism*

**Fabio Bevilacqua, Angelo Chierico** - University of Pavia  
*Boscovich, the Vis Viva Debate and the Unitary Law of Force*

## Conference activities

12,45 **Visit to the University sundials**

13,00 **Break**

## Friday, September the 9<sup>th</sup>

### Invited Speakers

14,30 **Hans Ullmaier** - Forschungszentrum Jülich GmbH, Jülich  
*Boscovich's Pioneering Ideas on the Elementary Structure of Matter*

**Enrico Giannetto** - University of Bergamo  
*Boscovich's Theoria Philosophiae Naturalis*

**Arcangelo Rossi** - University of Salento  
*R. J. Boscovich's Philosophy of Space*

16,15 **Coffee Break**

### Contributions

**Lucio Fregonese** - University of Pavia  
*Heat and Electricity in Boscovich's Theoria Philosophiae Naturalis*

**Dragoslav Stoiljkovic** - University of Novi Sad  
*Contemporary Verifications and Applications of Boscovich's Theory of Natural Philosophy*

**Davor Krajnovic** - European Southern Observatory, Garching Bei München  
*Legacy of Bošković: Understanding Assumptions and Knowing Uncertainties*

**Roger Anderton** - United Kingdom  
*Boscovich's Influence on Einstein's Unified Field Theory Research*

## Conference Activities

18,30 **Visit to the Museum for the History of the University**

20,00 **Conference Dinner**