Conference Organizing Committee

GIANFRANCO RAVASI President of the Pontifical Council for Culture

MARCELO SANCHEZ-SORONDO Chancellor of PAS

CARLO RUBBIA CERN, Switzerland, Nobel Laureate, Member of PAS

NICOLA CABIBBO University of Rome "La Sapienza", President of PAS

MARCELLO PERA University of Pisa, Italy and Pontifical Lateran University, Vatican City

GIANFRANCO BASTI Pontifical Lateran University, Vatican City

ANTONIO LUIGI PERRONE Secretary of IRAFS, Pontifical Lateran University, Vatican City





Lateran '09 International Conference



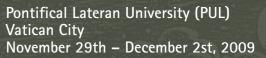


INTERNATIONAL YEAR OF ASTRONOMY

INTERNATIONAL CONFERENCE 1609-2009

From Galilei's Telescope to Evolutionary Cosmology Science, Philosophy and Theology in Dialogue











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OF ASTRONOMY 2009

INTERNATIONAL CONFERENCE 1609–2009

From Galilei's Telescope to Evolutionary Cosmology Science, Philosophy and Theology in Dialogue

GENERAL PROGRAM

Sunday November 29th Afternoon

(reserved to Invited Guests)

18:00 Galilei's Historical Exhibit Inauguration

20:00 Reception at the Hall of the Pontifical Lateran University (PUL)



AULA MAGNA

9:30 Welcome – Introduction – RINO FISICHELLA (Rector PUL) – NICOLA CABIBBO (President PAS)

10:00 (brief intervention) GIANFRANCO BASTI

Chairperson: GIANFRANCO BASTI

10:15 OWEN J. GINGERICH, University of Harvard, USA (History of Astronomy and Astrophysics)

11:00 Coffee Break

11:30 GEORGE F. SMOOT, University of California at Berkeley, USA, Nobel Laureate (Observational Cosmology)

12:15 GIANFRANCO RAVASI, President of the Pontifical Council for Culture (Biblical Cosmology)

13:00 General Discussion

13:15 End of the Session



AULA PIO XI

Chairperson: MARCELLO PERA

14:30 CARLO RUBBIA, CERN, Switzerland, Nobel Laureate, Member of PAS (Cosmology, GUT's and Quantum Mechanics: LHC Physics)

15:15 ROGER PENROSE, Oxford University, UK (Cosmology, GUT's, and Relativity Theory)

16:00 NICOLA CABIBBO, University of Rome "La Sapienza", President of PAS (The state of art of GUT's in Physical Cosmology)

16:45 Coffee Break

Chairperson: NICOLA CABIBBO

17:15 LEE SMOLIN, University of Ontario at Waterloo, Canada (An odd hypothesis on GUT's: Physics without strings?)

18:00 MARCO BERSANELLI, University of Milan, Italy (Expected Results of PLANCK Mission)

18:45 General Discussion with all the Speakers

19:15 End of the Session



(Reserved Audience of Pope Benedict XVI for the Conference Speakers)

Tuesday December 1st Afternoon. Philosophy Session: From Physical to Metaphysical Cosmology

AULA PIO XI

Chairperson: MARCELO SANCHEZ-SORONDO

14:30 MARCELLO PERA, University of Pisa, Italy and Pontifical Lateran University, Vatican City, Senator of the Italian Republic (Epistemological and Cultural Relevance of the Actual Debate)

15:15 ENRICO BERTI, University of Padua, Member of PAS (From Physical to Metaphysical Cosmology)



16:00 WILLIAM CARROLL, University of Oxford, UK (Time and Creation: Thomas Aquinas and Contemporary Cosmology)

16:45 Coffee Break

17:15 Chairperson: ENRICO BERTI

XX:XX GIANFRANCO BASTI, Pontifical Lateran University, Vatican City (From Physical to Metaphysical Cosmology: The Formal Ontology Path, i.e., how to formalize the statement: "Divine causation and physical causation radically differ")

18:00 MARCELO SANCHEZ-SORONDO, Chancellor of PAS (From Physical to Metaphysical Cosmology: The Core-Notion of "Participation of Being")

18:45 General Discussion

19:00 End of the Session



AULA PIO XI

Chairperson: WILLIAM CARROLL

09:00 GIUSEPPE TANZELLA NITTI, University of the Holy Cross, Rome (Physical Cosmology and Christian Theology of Creation)

09:45 CHARLES MOREROD, St. Thomas Aquinas University, Rome (From Physical Cosmology to Theological Cosmology: The Analogy Path)

10:30 Coffee Break

Chairperson: RINO FISICHELLA

11:00 GEORGES COTTIER, Former Theologian of the Pontifical House (Causa prima e causae secundae)

11:45 RINO FISICHELLA, President of the Pontifical Academy for Life, and Rector of the Pontifical Lateran University (Science, Philosophy and Theology in Dialogue on Cosmology: Is a Synthesis Possible?)

12:30 Final Discussion

13:00 End of the Conference



