



# FIAT LUX Conference

INTERNATIONAL SCIENTIFIC-THEOLOGICAL CONFERENCE  
Roma, June 3-5 2015

## Friday JUNE 5, 2015 - AULA 1 San Pietro in Vincoli

8:30-9:00 REGISTRATION

9:00-9:20 **GABRIELLA CINCOTTI (UNIROMA3)**, Time Frequency Optical Multiplexing, or in Between?

9:20-9:40 **FRANCESCO MATERA (FUB)**, All Optical Access Platform for Fiber to the Home Networks

9:40-10:10 **VINT CERF (GOOGLE)**, Illuminating our Understanding of the Internet

10:10-10:40 **FAUSTO ELISEI (UNIPG)**, The Light and the Molecules: Effects and Applications

10:40-11:00 *COFFEE BREAK*

11:00-11:30 **ALBERTO DIASPRO (IIT)**, Look How Beautiful it is Shining Light at the Nanoscale

11:30-12:00 **JOSEPH ZYSS (EC. NORM. SUP. CACHAN)**, Games of Light with Molecules, Meta-Molecules and Billiards: Symmetry, Shape, Geodesics and Scale

12:00-12:20 **GIORGIO FABRETTI (UNIROMA1)**, The Cognition of Invisible Light. The Adventure of Complexity

12:20-12:40 **NIKOLAY I. ZHELUDEV (U. SOUTHAMPTON)**, The Metamaterial Paradigm: Optical Properties on Demand

12:40-13:00 **CONCITA SIBILIA (UNIROMA1)**, Chirality: Optical Properties from Natural vs Artificial Materials

13:00-13:20 **FRANCESCO MICHELOTTI (UNIROMA1)**, Direct Optical Detection of Tumor Angiogenesis Biomarkers

13:20-13:40 **PATRIZIO ANTICI (UNIROMA1)**, The Quest for Extreme Light

13:40 CONFERENCE CLOSING

