

Monday 30 May	Tuesday 31 May	Wednesday June 1
<p>10:30-12:30</p> <p><i>Wheeler Prize Ceremony</i> at the Italian Space Agency (ASI)</p> <p>Welcome address of president and directorate of ASI, and of aerospace institutions and industries.</p> <p>Recipients of Wheeler Price, in alphabetical order: Igor Novikov Roger Penrose Kip Thorne</p>	<p>10:00-13:00</p> <p><i>General Talks</i> (inverse alphabetical order)</p> <p>Kip Thorne: “Just Crazy Enough to Be Right: John Archibald Wheeler” Roger Penrose: <i>TBD</i> Igor Novikov: "The time mashine and the Principle of Self-Consistency" Coffee break Paul Davies: “Wormholes, time travel and the search for ET”</p> <p>Chair: Richard Matzner</p>	<p>10:00-13:00</p> <p><i>Astrophysics and Cosmology</i></p> <p>Vahe Gurzadyan: “Cosmological constant, time arrow, gravity constants” Marco Tavani: <i>TBC</i> Dmitry Novikov: "Prospects for Detecting CMB Frequency Spectral Distortions by a Space Telescope" Claus Laemmerzahl: <i>TBC</i> Massimo Bianchi: "Chronology and causality in string theory"</p> <p>Chair: Sergei Kopeikin</p>
<p>Buffet at Casina Macchia Madama (with a view of Rome from Monte Mario hill)</p> <p>15:30-17:30 <i>Round Table on time and time-travel</i> with, among other physicists (in inverse alphabetical order): Kip Thorne Roger Penrose Igor Novikov Paul Davies</p> <p>Chair: Richard Matzner</p>	<p>Buffet</p> <p>14:30-18:30</p> <p><i>Tests of General Relativity</i> Slava Turishev: “Advanced High-power Laser Ranging for precision science investigations” Ignazio Ciufolini: “Tests of frame-dragging with LAGEOS, LARES and LARES 2” Erricos Pavlis: “The Latest Realization of the Terrestrial Reference Frame and its Impact on SLR Analysis”</p> <p>Coffee Break Angelo Tartaglia: “Gravito-magnetic effects from the dark halo of the Milky Way: can we measure it using spacecraft around the Earth and/or in the Solar system?” Sergei Kopeikin “Measurement of retardation of gravity, bending of light and gravitomagnetism in double pulsar”</p> <p>Chairs: Mario Cosmo and Barbara Negri</p>	<p>Buffet</p> <p>14:30-19:30</p> <p><i>Special Archaeological Tour</i> at Via Appia Antica: Villa di Massenzio, Circus of Massenzio, Monument of Cecilia Metella and Villa dei Quintilii, with a professional guide.</p> <p>20:30 <i>Special Banquet</i> TBD</p>

<p>Thursday, June 2</p> <p>11:30-13:00</p> <p>At a conference hall with the rocket which launched the Uhuru satellite which detected the Cygnus X-1 black hole</p> <p>Richard Matzner: “Fully relativistic approach to global navigation systems”</p> <p>Slava Turishev: “Direct Multipixel Imaging and Spectroscopy of Exoplanets with a Mission to the Focal Region of the Solar Gravitational Lens</p> <p>Antonio Paolozzi: “The LARES and LARES 2 laser-ranged satellites”</p> <p>Chair: Vahe Gurzadyan</p> <p>Free afternoon</p>	<p>Friday, June 3</p> <p>Meetings of the working teams</p>	
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