

SYMPOSIUM ON GRAVITY AND LIGHT
30 September to 3 October 2013 at Kavli IPMU (WPI), University of Tokyo, Kashiwa, Japan

SCHEDULE

Time	Monday (30th)	Tuesday (1st)	Wednesday (2nd)	Thursday (3rd)
09.30-10.00	Breakfast			
10.00-11.00	<i>Opening remarks; Optical geometry and lensing</i> (Marcus Werner)	<i>Curvature perturbation in non-minimally coupled multi-field inflation models and its conformal frame dependence</i> (Misao Sasaki)	<i>Gravitational lensing by an exotic lens object with negative convergence</i> (Hideki Asada)	<i>On the shadows of black holes and of other compact objects</i> (Volker Perlick)
11.00-11.15	Coffee Break	Coffee Break	Photograph and Coffee Break	Coffee Break
11.15-12.15	<i>Gravitational optics</i> (Gary Gibbons)	<i>Matter phenomenology dictates the underlying gravity theory</i> (Frederic Schuller)	<i>Extreme trapping horizon</i> (Tetsuya Shiromizu)	<i>On k-jet field approximations to geodesic deviation equations</i> (Ricardo Gallego Torromé)
12.15-14.00	Lunch			
14.00-15.00	<i>Some applications of Finsler geometry to topological lensing</i> (Erasmus Caponio)	<i>Gravitational lensing as a probe of the physics and geometry of the universe</i> (Jean-Philippe Uzan)	<i>Gravitational lensing and black hole shadow</i> (Kei-ichi Maeda)	<i>Magnification invariants and the A,D,E family of caustic singularities</i> (Amir Aazami)
				<i>Magnification relations of singular isothermal quadrupole lens</i> (Zhe Chu)
15.00-15.30	Coffee Break, also IPMU Teatime			
15.30-16.30	<i>Does Λ bend light?</i> (Masumi Kasai)	<i>Killing symmetry and hidden conserved quantity on Finsler manifold</i> (Takayoshi Ootsuka)	Optional excursion (Hondo Temple)	<i>Concluding remarks</i> (Shinji Mukohyama) Symposium end 16.00
19.00-21.00				Banquet (Odayaka)