

Schedule of 11/20 (Tue)

10:30-11:00 coffee break

11:00-11:10 Opening

Chair: Takahiro Tanaka

11:10-11:50 L. Blanchet (30min+10min)

[Matter Wave Interferometry and Gravity](#)

11:50-12:30 V. Frolov (30min+10min)

Spinoptical effects in the Kerr spacetime

12:30-13:30 lunch

Chair: Eric Poisson

13:30-14:10 H. Maeda (30min+10min)

[Gauss-Bonnet braneworld redux: A novel scenario for the bouncing universe](#)

14:10-14:50 J. R. Bond (30min+10min)

[Let There Be Heat: the Shock-in-Times of Post-inflation Preheating](#)

15:00-15:30 coffee break

Chair: Steven Detweiler

15:30-16:10 T. Harada (30min+10min)

[High-velocity collision of particles around a Kerr black hole and its implication](#)

16:10-16:50 H.-L. Yu (30min+10min)

[General Relativity without paradigm of space-time covariance:
sensible quantum gravity and resolution of the ``problem of time''](#)

16:50-17:30 A. Linde (30min+10min)

Cosmological and phenomenological consequences of strong moduli stabilization

18:30-

Party at the saloon of Yukawa Hall