



# Geometry and the Universe

## A Symposium on General Relativity

C.N. Yang Institute for Theoretical Physics  
Stony Brook University

Thursday and Friday, 20 - 21 October 2005

---

**Thibault Damour** . . . . . *General relativity, experiment and gravitational waves*

IHÉS Bures

**Jürgen Ehlers** . . . . . *Einstein's path to general relativity*

MPI Potsdam

**Francis Everitt** . . . . . *Testing Einstein with orbiting gyroscopes*

Stanford

**Gary Gibbons** . . . . . *Singularity theorems and black holes*

Cambridge

**James Hartle** . . . . . *The future of gravity*

Santa Barbara

**Robert Pound** . . . . . *Gravitational redshift*

Harvard

**Remo Ruffini** . . . . . *Energy of black holes, dark matter, dark energy*

Rome

**Irwin Shapiro** . . . . . *Past and future general relativity experiments:  
Equivalence principle, time delay, black holes*

Harvard

**John Stachel** . . . . . *Einstein's odyssey: from special to general relativity*

Boston

**Joseph Taylor** . . . . . *Binary pulsar - gravitational radiation*

Princeton

**Peter van Nieuwenhuizen** . . . . . *From spinors to supergravity*

Stony Brook

**Erik Verlinde** . . . . . *Strings and black holes*

Amsterdam

---

Organizing committee: Alfred Goldhaber, Peter van Nieuwenhuizen, William Weisberger

Supported by the Simons Foundation and Stony Brook University, C.N. Yang Institute for Theoretical Physics

For registration and other information, please visit <http://insti.physics.sunysb.edu/itp/conf/GR2005/>

