XI \text{SCHOOL OF THE DIVISION OF GRAVITATION AND MATHEMATICAL PHYSICS} \text{MEXICAN PHYSICAL SOCIETY} \text{Playa del Carmen, MEXICO} \text{December 5-9 2016}

Quantum Gravity: schemes, models and phenomenology

LECTURE COURSES

- Giovanni Amelino Camelia (Sapienza University of Rome) 
  Recent advances in quantum-gravity phenomenology.
- Viqar Husain (University of New Brunswick) 
  Polymer quantization, time, and quantum gravity.
- Iván Agullo (Louisiana State University) 
  Loop quantum cosmology and the cosmic microwave background.
- Alan J. Weinstein (California Institute of Technology, LIGO) 
  First results from advanced LIGO.

PLENARY TALKS

- Craig Hogan (University of Chicago) 
  Exotic Rotational Correlations in Emergent Space-Time
- Jorge Pullin (Louisiana State University) 
  Loop quantum gravity with spherical symmetry
- Tim Koslowski (ICN, UNAM)
- Robert Öckl (ICN, UNAM) 
  Operational quantum gravity
- Claus Laemmerzahl (ZARM, Bremen University)

\text{dgyfm.smf@gmail.com} \quad \text{http://www.ifug.ugto.mx/~msabido/XII_Escuela/}