



Quantum Gravity: schemes,  
models and phenomenology

# XI | SCHOOL OF THE DIVISION OF GRAVITATION AND MATHEMATICAL PHYSICS

MEXICAN PHYSICAL SOCIETY  
**Playa del Carmen, MEXICO**  
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## 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)

✉ [dgyfm.smf@gmail.com](mailto:dgyfm.smf@gmail.com)

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