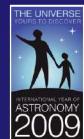


MG19 PARIS



12-18 JULY 2009



TWELFTH MARCEL GROSSMANN MEETING

On recent developments in theoretical and experimental general relativity, astrophysics, and relativistic field theories

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The MG12 plenary sessions, as well as the conference banquet, will take place at the UNESCO Headquarters in Paris and will be an official celebration of the United Nations 2009 Year of Astronomy. The parallel sessions will occur at

UNESCO and in the most celebrated academic institutions in the "Latin Quarter" including Collège de France, École Normale Supérieure, Institut d'Astrophysique de Paris, Institut Henri Poincaré, Observatoire de Paris, Université Pierre et Marie Curie.

The Marcel Grossmann Awards Ceremony will be honoured by the presence of International public personalities. A rich series of events is planned for the social events for this most exclusive MG meeting, including a free half-day on Bastille Day, Tuesday, July 14, giving participants and their companions a unique opportunity to experience this celebration to the fullest.

The MG meetings

were founded in 1975 by Remo Ruffini and Abdus Salam with the aim of reviewing developments in gravitation and general relativity with major emphasis on mathematical foundations and physical predictions. The dedication to Marcel Grossmann celebrates

the merging of the mathematical ideas of Ricci and Levi Civita with the physics world, made possible by the genius of Albert Einstein.

The main objective

of these meetings is to bring together scientists from diverse backgrounds in order to deepen our understanding of space-time structures and review the status of experiments testing Einstein's theory of gravitation. The range of topics is broad: from more abstract classical gravitational theories, quantum gravity, and string theories all the way to relativistic astrophysics and an outlook towards future observational missions.

The first two meetings were held in Trieste, MG3 in Shanghai, China, MG4 in Rome, Italy, MG5 in Perth, Australia, MG6 in Kyoto, Japan, MG7 in Stanford, USA, MG8 in Jerusalem, Israel, MG9 in Rome, Italy, MG10 in Rio, Brazil and MG11 in Berlin, Germany.

Interested participants may inquire directly by email to the conference email account or contact members of any of the three organizing committees: International Coordinating Committee; International Organizing Committee; Local Organizing Committee.

website:
<http://www.icra.it/MG/mg12>

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Composite image of Abell 1689 galaxy cluster, observed both in X-rays by the Chandra satellite and in the optical band by the Hubble Space Telescope. X-ray: NASA/CXC/MIT/ESO; Optical: NASA/STScI.