

8th Edoardo Amaldi Conference on Gravitational Waves

COLUMBIA UNIVERSITY

IN THE CITY OF NEW YORK

June 21-26, 2009

www.amaldi8.org

CONFERENCE TOPICS INCLUDE:

Status of existing ground-based detectors, Status of space-based detectors, Gravitational wave detection using pulsar timing arrays, Gravitational-wave sources, Advances in numerical relativity, Analysis of gravitational-wave data, Overview of observational results, Gravitational-wave astronomy, Non-interferometric efforts and ideas, Research and development of next generation detectors, Research and development for third generation detectors, Education and outreach

INVITED TALKS:

Ground-Based Interferometers and their Science Reach: S. Kawamura
Advanced Interferometers and their Science Reach: D. Shoemaker
Advances in Numerical Relativity: M. Campanelli
Multimessenger Astronomy and Overview of GW Sources: B. Schutz
GW Astronomy - Observational Results and their Impact: P. Shawhan
Space Antennas and their Science Reach: K. Danzmann
Third Generation Detectors and their Science Reach: M. Punturo
Pulsar Timing: G. Hobbs
Education and Outreach: F. Raab
GWIC Roadmap: S. Rowan

THE LOCAL ORGANIZING COMMITTEE

Szabolcs Marka, (chair), Lam Hui, David Helfand, Kristen Menou, Zoltan Haiman and Zsuzsa Marka (Columbia University)
Janna Levin (Barnard College)
Peter Saulson (Syracuse University)
Laura Cadonati (University of Massachusetts)
Alessandra Buonanno and Peter Shawhan (University of Maryland)
Erik Katsavounidis and Scott Hughes (MIT)
Deirdre Shoemaker (GeorgiaTech)
Jolien Creighton (U. Wisconsin, Milwaukee)
Syd Meshkov (Caltech)
Andrea Lommen (Franklin and Marshall College)

and additional representatives of major gravitational wave communities outside of United States -

Martin Hewitson (AEI, Germany)
Patrick Sutton (Cardiff University, UK)
Fulvio Ricci (Universita di Roma La Sapienza, Italy)
Ik Siong Heng and James Hough (University of Glasgow, UK)
Kimio Tsubono and Mio Norikatsu (The University of Tokyo, Japan)
David McClelland and Susan Scott (Australian National University)
Benoit Mours (LAPP-Annecy, France)

SCIENTIFIC ORGANIZING COMMITTEE - GRAVITATIONAL-WAVE INTERNATIONAL COMMITTEE

Jesper Munch, University of Adelaide
William O. Hamilton, Louisiana State University
Massimo Cerdonio, University of Padua and INFN
Michele Punturo, INFN-Perugia
Eugenio Coccia, University of Rome "Tor Vergata"
Michael Kramer, JBCA -University of Manchester
Karsten Danzmann, AEI and University of Hannover
James Hough, University of Glasgow (Chair)
Jay Marx, California Institute of Technology
David Reitze, University of Florida
Thomas Prince, California Institute of Technology
Bernard Schutz, AEI fur Gravitationsphysik
Robin Stebbins, Goddard Space Flight Center
Stefano Vitale, University of Trento
Giorgio Frossati, Leiden University
Andrea Lommen, Franklin and Marshall College
Dick Manchester, Australian Telescope National Facility
Seiji Kawamura, National Astronomical Observatory (Japan)
Kazuaki Kuroda, University of Tokyo
Francesco Fidecaro, University of Pisa
Benoit Mours, LAPP-Annecy
Clifford Will, Washington University, St. Louis
Stan Whitcomb, California Institute of Technology

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