



ASPEN CENTER FOR PHYSICS

2009 WINTER CONFERENCE

ON

ASTRONOMY

February 1-7, 2009

THIRTY YEARS OF MAGNETARS: NEW FRONTIERS

It has now been almost 30 years since March 5, 1979, when the spectacular giant flare was detected from SGR 0526-66, providing the first observational indication of the existence of a magnetar. Since then, neutron star research, both observational and theoretical, has flourished. In particular, the advent of the latest generation space- and ground-based observatories has impacted our knowledge of magnetars and other classes of neutron stars. All these objects are now studied in the whole electromagnetic spectrum, with ground-based radio, optical and infrared telescopes, and with the latest X- and Gamma-ray observatories. Our goal is to bring together observers and theoreticians working in magnetar astrophysics in a conference that will focus on breakthrough research linking astronomy, particle physics and condensed matter physics.

APPLICATION DEADLINE IS OCTOBER 15, 2008

Complete your application at: www.aspenphys.org
Updates at: <http://www.pd.infn.it/astro/pers/aspen2009>

ORGANIZERS:

Silvia Zane	Mullard Space Science Laboratory, University College London, UK
Roberto Turolla	Department of Physics, University of Padova, Italy
GianLuca Israel	INAF, Astronomical Observatory of Rome, Italy
Chryssa Kouveliotou	NASA/Marshall Space Flight Center, US

Scientific Advisory Committee

Silvia Zane (chair); Roberto Turolla, GianLuca Israel, and Chryssa Kouveliotou (co-chairs); Felix Aharonian, Brian Gaensler, Frank Haberl, Alice Harding, Sandro Mereghetti, Dany Page, George Pavlov, Andrea Possenti, Jacco Vink, Dima Yakovlev, Peter Woods

Public Lecture

Professor Ed Van den Heuvel will give a public lecture on February 4th at 5.30 pm. The Aspen Center for Physics is committed to a significant participation of women and under-represented groups in all of its programs.

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Aspen Center for Physics
700 West Gillespie Street
Aspen, CO 81611



phone: 970.925.2585 fax: 970.920.1167 email: jane@aspenphys.org