List of Talks

Relativistic Astrophysics and Cosmology
– Einstein's Legacy –

International Astrophysics Conference
November 7 - 11, 2005 , Munich, Germany

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Invited Talks

Conference Summary
Blandford R.

Der relativistische Kosmos — was Astrophysiker aus Einsteins Ideen gemacht haben.
Ehlers J.

Gamma Ray Burst Discoveries by Swift
Gehrels N.

The Central Black Hole and Nuclear Star Cluster of the Galaxy
Genzel R.

Microquasars
Mirabel I. F.

Black hole mass and growth rate and metal enrichment at high redshift
Netzer H.

Measurements of the CMB: Status and New Directions
Page L.

Gravitational Wave Astronomy
Phinney E. S.

The evolution of supermassive black holes
Volonteri M.

A Century in Cosmology
Wright E. L.

Contributed Talks

QPOs: Einstein's gravity non-linear resonances

Abramowicz M. A.

The correlation between νFν peak energy and radiated energy in Gamma–Ray Bursts

Amati L.

Low-rate accretion onto isolated stellar-mass black holes

Beksin G. M. and Karpov S. V.

Accretion and relativistic jets in galactic microquasars

Belloni T.

The Triple Nucleus and Supermassive Black Hole of M31

Bender R.

Cosmological Tests with X-ray galaxy Clusters

Böhringer H. and Schuecker P.

First Results from the Extended Chandra Deep Field-South Survey

Brandt W. N. and the E-CDF-S Team

N_H distribution of the AGN in the COSMOS/XMM survey.

Brusa M., Mainieri V., Hasinger G. , Cappelluti N., and Brunner H.

30 years of Blandford-Znajek Process: are Jets driven by the ergosphere?

Camenzind M.

Supermassive Black Holes in Elliptical Galaxies: Switching from Very Bright to Very Dim

Churazov E., Sazonov S., Sunyaev R., Forman W., Jones C., and Böhringer H.

Relativistic iron lines at high redshifts

Comastri A., Gilli R., and Brusa M.

An explanation for the soft X-ray excess in quasars

Crummy J., Fabian A. C., Tanaka Y., and Gallo L. C.

Accretion of Stellar Winds in the Galactic Centre

Cuadra J., Nayakshin S., Springel V., and Di Matteo T.

A dependable estimate for gravitational radiation recoil associated with the coalescence of binary black holes

Damour T. and Gopakumar A.

Radiation-driven winds near BHs

Dorodnitsyn A. V. and Novikov I. D.

The Cosmogony of Super-Massive Black Holes

Duschl W. J.

On the NIR to X-ray Variability of Sgr A*

Eckart A.

AGN feedback in clusters and galaxies

Fabian A. C.

Approaching the Event Horizon: High-Resolution Radio Interferometry of the Black Hole at the Galactic Center

Falcke H., Bower G. C., and Doeleman S.

Reflections of AGN Outbursts in the Gaseous Atmospheres of M87

Forman W. and the M87 consortium

Spherically symmetric, static spacetimes in a tensor-vector-scalar theory

Giannios D.

Cosmology from Supernovae

Hillebrandt W.

The ARCRAIDER Project: A unique sample of X-ray bright, massive gravitational lensing galaxy clusters

Kausch W., Erben T., Gitti M., Schindler S., Schwope A. D., and Wambsganss J.

Finding the Electromagnetic Counterparts of Standard Sirens

Kocsis B., Frei Z., Haiman Z., and Menou K.

General Relativistic Simulations of Jet Formation in Kerr Black Hole Magnetosphere

Koide S.

The Double Pulsar: Unique tests of Einstein's theory of general relativity

Kramer M.

Nuclear activity in galaxies driven by supermassive binary black holes

Lobanov A. P.

In Search of the Nature of Dark Energy with Galaxy Clusters

Majumdar S.

Extragalactic Background above GeV Energies - HBLs or Dark Matter?

Mannheim K., Kneiske T., and Elsässer D.

Modeling the Relativistic Jets in SS 433 Using Chandra X-ray Spectroscopy

Marshall H. L., Heinz S., and Canizares C. R.

The Quest for Cosmological Scalar Fields

Martins C. J. A. P.

Cosmic Acceleration without Dark Energy

Matarrese S.

Multi-scale simulations of the fueling and merging of supermassive black holes

Mayer L. , Kazantzidis S., Colpi M., Quinn T., Wadsley J., and Madau P.

Resolving the Dust Tori in AGN with the VLT Interferometer

Meisenheimer K., Tristram K., and Jaffe W.

The parallel lives of super-massive black holes and their host galaxies

Merloni A., Rudnick G., and Di Matteo T.

The Polarization and Time Variability of Sgr A* at Submillimeter Wavelengths

Moran J. M., Marrone D., Zhou J.-H., and Rao R.

Gravitational Collapse and Neutrino Emission of Population III Massive Stars

Nakazato K., Sumiyoshi K., and Yamada S.

Studying the Nature of Dark Energy with Galaxy Clusters

Reiprich T. H.

Baryonic loading and e^+e^- rate equation in GRB sources

Ruffini R., Vereshchagin G., and Xue S.-S.

Highlights of XMM-Newton Observations of Black Holes

Schartel N.

Metal Enrichment Processes in the Intra-Cluster Medium

Schindler S., Kapferer W., Domainko W., Mair M., van Kampen E., Kronberger T., Kimeswenger S., Ruffert M., Mangete O. E., and Breitschwerdt D.

Search for MACHOS in M31: Results from WeCAPP

Seitz S., Riffeser A., and Fliri J.

Orbital Decay of Massive Black Hole Binaries in Galactic Stellar Cusps: Perspects for LISA

Sesana A., Haardt F., and Madau P.

Short Gamma-ray Bursts from X-ray Binaries

Spruit H.

Status of the Suzaku Mission

Takahashi T.

Limits on galactic dark matter from the 6.7 year EROS-2 microlensing survey of the Magellanic Clouds

Tisserand P. and the EROS collaboration

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24 Micron Imaging of a z=2.38 Filament

Williger G. M., Colbert J., Teplitz H. I., Palunas P., Francis P. J., and Woodgate B. E.

Extragalactic relativistic jets and nuclear regions in galaxies

Zensus J. A. and Lobanov A. P.
