

14:40 John Kildea McGill, Montreal
Recent AGN observations by the Solar Tower Atmospheric Cherenkov Effect Experiment

14:50 Hakima Manseri Ecole Polytechnique
Gamma ray astronomy below 100 GeV with the CELESTE experiment

15:00 Wei Cui Purdue
News from a Multi-Wavelength Monitoring Campaign on Mrk 421

15:10 Andrew Smith U. Maryland
TeV Gamma-Ray Astrophysics with Milagro

15:20 Wu Hanrong IHEP Beijing
A Wide Northern Sky Survey for both TeV cosmic ray anisotropy and TeV gamma ray source using Tibet-III Air Shower Array

15:30 Coffee Break 30 min

16:00 Poster Session 30 min

16:30 David Kieda U. Utah
Evidence for New Unidentified TeV γ -ray Sources from Directionally-Correlated Sky Fluctuations observed by Northern Sky Surveys by the Milagro Observatory and the Tibet Air Shower Array

16:40 Shio Watanabe U. Kyoto
TeV gamma-ray observation of the Supernova Remnant RCW86 with the CANGAROO-III telescope

16:50 Stefano Vercellone IASF/CNR Milano
The duty-cycle of gamma-ray blazars: a new approach, new results

17:00 Claudia Schuster Bochum
A Relativistic Outflow Model: Analytical Solutions

17:10 Zulema Abraham U. Sao Paulo
Centaurus A: the Nearest Blazar?

Tuesday

09:00 Fulvio Melia U. Arizona
Galactic center

09:45 Joel Primack SCIPP
Observational gamma-ray cosmology

10:30 Coffee Break 30 min

11:00 R. Much ESA-ESTEC
The INTEGRAL mission status and recent scientific results

11:30 R. Diehl MPE Garching
Gamma-ray line astronomy

12:00 John Carr CPPM Marseille
Detectors of high energy neutrinos

12:30 Lunch 90 min

14:00
Contributed H.E.S.S. results

15:00 Ken'ichi Tsuchiya ICRR
Detection of Sub-TeV gamma-rays from the Galactic Center with the CANGAROO-II telescope

15:10 Aldo Morselli INFN Roma 2
Search for Dark Matter with GLAST

15:20 Lydia Pieri Turin
TeV-photons from Dark Matter annihilation

15:30 Coffee Break 30 min

16:00 Poster Session 30 min

16:30 Argyro Tasitsiomi Univ. of Chicago
Gamma-ray and synchrotron emission from neutralino annihilation in the Large Magellanic Cloud

16:40 Dieter Horns MPI-K Heidelberg
Interpretation of the gamma ray signal from the Galactic Center

16:50 A.F. Iyudin MPE Garching
Gamma-Ray Absorption in Dense QSO Environment

17:00 Tanja Kneiske U. Wuerzburg
Very high energy gamma-rays ($E_\gamma > 20$ GeV) from extragalactic sources

17:10 Qighuan Lo U. Sydney
Transient high energy gamma-ray and neutrino emission by fast spinning magnetars

17:20 Brenda Dingus LANL
Detection of a Distinct Higher Energy Emission Component from a Gamma-Ray Burst

17:30 Evgeny Derishev NNOV
High-energy emission from off-axis relativistic jets

Wednesday

09:00 Laura Maraschi Osservatorio Brera
Gamma ray blazars

09:45 P. Blasi INFN/INAF
Gamma rays from clusters of galaxies

10:30 Coffee Break 30 min

11:00 Sergej Bogovalov Moscow Technical U.
Interactions of pulsar winds with interstellar medium

11:30 Yu. Lyubarski Ben Gurion University
Physical processes in pulsar winds

Thursday

09:00 Guy Pelletier Grenoble
High energy processes in relativistic flows

09:45 V.S. Ptuskin IZMIRAN Troitsk
Origin of Galactic cosmic rays

10:30 Coffee Break 30 min

11:00 Jacco Vink Columbia U., New York
Nonthermal X-rays from SNRs

11:30 A.R. Bell Imperial College London
Magnetic field amplification in strong shocks

12:00 E.G. Berezhko IKFIA SB RAS, Yakutsk
High energy processes in SNRs

12:30 Lunch 90 min

14:00 Leonid Ksenofontov IKFIA, Yakutsk
Gamma-ray models for SN 1006 using different astronomical parameters

14:10 Richard Wiebeleski MPiR
Recent results on the magnetic field of the Galaxy

14:20 Demos Kazanas NASA/GSFC
Decelerating flows in the TeV Blazars

14:30 Michal Ostrowski U. Jagiellonski
Substructure of the X-ray hot spots in Cygnus A

14:40 Alexandre Marcowith CESR Toulouse
Astroparticle yield in radio galaxies jets and hot spots

14:50 Jun Kataoka Tokyo I. of Technology
Unifying X-ray Emission Properties of Large Scale Jets, Hotspots and Lobes in Active Galactic Nuclei

15:00 Ken Nishikawa NSSTC
Particle acceleration, magnetic field generation, and emission in relativistic shocks

15:10 Frank Rieger UC Dublin
Shear acceleration in relativistic astrophysical jets

15:20 Toru Shibata INFN Milano
Are diffusive gamma-rays in harmony with cosmic-ray data ?

15:30 Coffee Break 30 min

16:00 Poster Session 30 min

16:30 Q. Daniel Wang U. Massachusetts Amherst
Nonthermal X-ray Emission from Superbubbles

16:40 Motoki Kino SISSA
Hydrodynamics in the internal shock of relativistic outflows

16:50 Wlodek Bednarek Lodz
Gamma-rays from the pulsar wind nebulae

Friday

09:00 Kanaris Tsinganos U. Crete
Steady and time-dependent MHD modelling of cosmic jets

09:30 Marek Sikora Kopernikus
Poynting flux to kinetic energy conversion in quasar jets

10:00 G.V. Bicknell ANU Canberra
What gamma-rays tell us about jets

10:30 Coffee Break 30 min

11:00 Davide Lazzati Cambridge
Gamma Ray Bursts

11:30 Josep-Maria Paredes U. Barcelona
High energy processes in microquasars

12:00 Marco Tavani CNR Roma
PSR B1259-63 and similar objects

12:30 Lunch 90 min

14:00 T. Takahashi ISAS Kanagawa
Future Hard X-ray Mission to study non-thermal universe

14:30 Olaf Reimer U. Bochum
Origin of unidentified EGRET sources

15:00 T. Kamae SLAC
Results from EGRET Data Reanalyzes and Future Gamma-ray Missions

15:30 Coffee Break 30 min

16:00 Gus Sinnis LANL
High Altitude Water Cherenkov detectors

16:30 L.O'C. Drury Dublin Inst. f. Adv. Studies
Summary and closing remarks

International Symposium on
High Energy Gamma-Ray Astronomy
Stadthalle Heidelberg July 26-30, 2004



Monday

08:00

Registration Desk open

09:00

Welcome Address

09:15 Francis Halzen U. Madison, Wisconsin
High energy cosmic rays, gamma rays and neutrinos

10:00 Werner Hofmann MPI-K Heidelberg
Status of ground based gamma ray astronomy

10:45 Coffee Break 30 min

11:15 Angela Olinto U. Chicago
Highest energy cosmic rays

11:45 Alice Harding NASA/GSFC
Pulsars, pulsar winds, and plerion

12:30 Lunch 90 min

14:00 Bill Burke AIP
Instruction for authors

14:10 Eckart Lorenz ETH Zuerich
MAGIC status and future plans

14:20 R.K. Bock MPI Physik Muenchen
Recent results from MAGIC

14:30 Abe Falcone Purdue
The VERITAS Prototype results and the Future of VERITAS