

ENIGMA meeting

Hotel Lochmühle, Mayschoß, 10.05.-14.05.2003

- Saturday, 10.5.2003
 - Arrival of the participants
- Sunday, 11.5.2003
 - Arrival of the participants
 - 15:00 Welcome (A. Zensus, A. Witzel)
 - Welcome ENIGMA (S. Wagner)
 - Program and General Remarks (SOC & LOC)
 - 15:45 – 16:00 coffee
 - 16:00 – 18:15 The science programs of the 8 teams (Introduction)
 - 18:30 Dinner
 - 20:00 Concert (Anna Zetel)



Concert of Anna Zetel

Winner of the I. Chopin-Contest Cologne 1994 and of the
III. International Chopin-Contest Göttingen 1995

L. v. Beethoven (1770-1827)

Prestissimo, f-moll op. 2 Nr. 1
Adagio cantabile As-Dur op. 13
Presto alla tedesca G-Dur op. 79

J. Haydn (1732-1809)

Vivace molto e-moll hob. XVI: 34

W.A. Mozart (1756-1791)

Allegro maestoso a-moll KV 310
Allegro moderato C-Dur KV 330
Rondo D-Dur KV 485

F. Chopin (1810-1849)

Presto non tanto h-moll op. 58

Pause

A. v. Henselt (1814-1889)

Vier Konzert-Etüden
Es-Dur, b-moll, Fis-Dur, Ges-Dur

F. Chopin (1810-1849)

Fünf Etüden aus op. 10 cis-moll,
Ges-Dur, es-moll, C-Dur, F-Dur

- Monday, 12.05.2003
 - 9:00 – 11:05 Session I: Towards automated, fast, and accurate photometry
 - Chair and Introduction: N. Smith
 - 9:20 M. Xilouris: The 2.3m telescope ARISTARCHOS
 - 9:40 N. Smith: High-precision, high time resolved photometry of AGN
 - 10:10 L. Hanlon: Small robotic observatories
 - 10:30 L. Takalo: Status of the KVA-telescope on La Palma
 - 10:50 J. Heidt: Complementary IDV observations from the T1T
 - 11:05 – 11:30 coffee
 - 11:30 - 13:00 Session II: Separating intrinsic and extrinsic Intraday Variability
 - Chair and Introduction: C. Raiteri
 - 11:50 A. Witzel: IDV observations with the 100m radiotelescope
 - 12:15 L. Fuhrmann: Investigations of IDV blazar cores
 - 12:30 G. Cimo: Statistical Study of Intraday Variable Sources
 - 12:45 V. Impellizzeri: Short-time polarisation variability in 0716+714
 - 13:00– 14:00 Lunch

- Monday, 12.05.2003
 - 14:00 – 15:10 Session II: Separating intrinsic and extrinsic Intraday Variability
 - Chair: C. Raiteri
 - 14:00 U. Bach: Kinematical study of the Blazar 0716+714
 - 14:15 T. Beckert: Quenched Scintillation of intraday-variable Quasars
 - 14:35 C. Raiteri: Preliminary results of the 2001 radio-optical WEBT campaign on BL Lacertae
 - 14:55 E. Valtaoja: „Southern IDV“
 - 15:10– 15:40 coffee
 - 15:40 – 17:40 Session III: Variations of Source Structure and Flux
 - Chair and Introduction: A. Witzel
 - 16:00 M. Tornikoski: Long Term Radio Variability: Statistics and Predictions
 - 16:20 K. Nilsson: Current monitoring program at TUORLA
 - 16:40 E. Middelberg: Where has all the polarization gone?
 - 16:55 S. Friedrichs: Measuring the polarization in 0954+658
 - 17:10 D. Gabuzda: New views of the polarization structure of compact AGN from multi-wavelength data

- Monday, 12.05.2003
 - 17:40 – 19:15 Session IV: Radiation processes at high energies
 - Chair and Introduction: L. Takalo
 - 18:00 A. Lähteenmäki: Millimetre Observations as a Tool for Studying Gamma-Ray Emission in Blazars
 - 18:20 I. Papadakis: The complex X-ray variability behaviour of Mkn421 as seen by XMM
 - 18:40 A. Sillanpää: Status of MAGIC telescope
 - 18:50 A. Sillanpää: INTEGRAL Blazars
 - 19:00 Dinner
 - After Dinner: Team Leaders
 - Recruitment
 - Administration
 - Reports
 - Finances

- Tuesday, 13.05.2003
 - 9:00 - 10:20 Session V: Particle acceleration in MHD outflows
 - Chair and Introduction: K. Tsinganos
 - 9:20 N. Vlahakis: Formation and kinematic properties of relativistic MHD jets
 - 9:40 K. Tsinganos: On the acceleration, formation and shocks in MHD jets
 - 10:00 A. Mastichiadis: Particle acceleration and radiation in blazar jets
 - 10:20 - 12:55 Session VI: The power of jets
 - Chair and Introduction: G. Ghisellini
 - 10:40 S. Britzen: The kinematics of AGN
 - 11:00 – 11:30 coffee
 - 11:30 T.P. Krichbaum: mm-VLBI observations of AGN
 - 11:55 A. Brunthaler: Evolution of the Seyfert I galaxy III Zw 2
 - 12:10 I. Agudo: VLBI observations and numerical modeling of the inner jets in AGNs
 - 12:40 T. Arshakian: Statistical Analysis of bright radio sources at 15 GHz
 - 12:55 – 14:00 Lunch

- Tuesday, 13.05.2003
 - 14:00 – 15:15 Session VI: The power of jets
 - Chair: G. Ghisellini
 - 14:00 B. Sbarufatti: The host galaxies of BL Lac objects
 - 14:15 C. Raiteri: A helical jet model to explain the Mkn 501 SED variations
 - 14:35 E. Körding: Radio and X-ray emission from XRBs and AGN
 - 14:50 G. Krishna: Comments on S5 0716+714
 - 15:00 G. Ghisellini: Theory of blazars, modelling of spectra, etc.
 - 15:20-15:40 coffee
 - 15:45 Visit of the Effelsberg telescope
 - 19:00 Dinner
 - After Dinner: A. Marscher: Blazar variability: multiwaveband correlations

- Wednesday, 14.05.2003
 - 9:00 – 10:30 Team Leaders
 - Winter school
 - Future meetings
 - Etc.
 - 10:30 – 11:00 coffee
 - 11:00 Joined observing programs
 - 12:30 Joined research programs
 - 13:00 Lunch