

Scientific Event Report

E Research in Astrophysics from Space

E1.7 Radio Galaxies: Resolving the AGN Phenomenon

Main Scientific Organizer *Beckmann, Volker*

Deputy Organizer *Ricci, Claudio*

Radio galaxies and their environment

Chair: Worrall, Diana

Date: Mon, Aug 01, 2016. Room: 3B43

E1.7-0001-16 09:30 - 10:00 (solicited)

Radiative versus Jet Mode in Radio Galaxies

Hardcastle, Martin

E1.7-0002-16 10:00 - 10:20

AGN Jets on the kpc Scale as multi-TeV Particle Accelerators

Meyer, Eileen; Georganopoulos, Markos

E1.7-0003-16 10:20 - 10:40

Evolution of Global Relativistic Jets: Collimations and Expansion with kKHI and the Weibel Instability

Nishikawa, Ken-ichi; Dutan, Ioana; Peer, Asaf; Frederiksen, Jacob; Nordlund, Aake; Mizuno, Yosuke; Hardee, Phil; Niemiec, Jacek; Gomez, Jose L.; Meli, Athina; Sol, Helene; Pohl, Martin; Hartmann, Dieter

E1.7-0004-16 10:40 - 11:00

86 GHz VLBI survey of Ultra compact radio emission in Active Galactic Nuclei

Gopalakrishnan Nair, Dhanya; Lobanov, Andrei; Krichbaum, Thomas; Ros, Eduardo; Zensus, Anton

Physical processes I

Chair: Meyer, Eileen

Date: Mon, Aug 01, 2016. Room: 3B43

E1.7-0005-16 11:30 - 11:50

Review of Space VLBI RadioAstron studies of AGN

Gurvits, Leonid; Kovalev, Yuri

E1.7-0006-16 11:50 - 12:10

Frequency-dependent core shifts and parameter estimation in Blazars

Agarwal, Aditi

E1.7-0007-16 12:10 - 12:30

Jets and the infra-red cores of low-redshift radio galaxies

Birkinshaw, Mark; Worrall, Diana

E1.7-0008-16 12:30 - 12:50

Jet-gas interactions and hotspots in FR I/II transition sources

Worrall, Diana; Birkinshaw, Mark

Physical processes II

Chair: Hardcastle, Martin

Date: Tue, Aug 02, 2016. Room: 3B43

E1.7-0009-16 09:30 - 10:00 (solicited)

Gamma-Rays from Radio Galaxies

Madejski, Greg

E1.7-0010-16 10:00 - 10:20

Multiwavelength observations of giant radio galaxy 3C 35 and 3C 284

Pal, Sabyasachi; Patra, Dusmanta; Konar, Chiranjib; Chakrabarti, Sandip Kumar

E1.7-0011-16 10:20 - 10:40

Gamma-ray detected radio galaxies

Beckmann, Volker; Kretschmer, Karsten; De Jong, Sandra; Savchenko, Volodymyr; Soldi, Simona

E1.7-0012-16 10:40 - 11:00

Spectral ageing properties of giant radio galaxy Pictor A

Patra, Dusmanta; Pal, Sabyasachi; Konar, Chiranjib; Chakrabarti, Sandip Kumar

Hard X-rays and Gamma-rays from Radio Galaxies

Chair: Madejski, Greg

Date: Tue, Aug 02, 2016. Room: 3B43

E1.7-0013-16 11:30 - 11:55

New insight on double-double radio galaxies

Nandi, Sumana

E1.7-0014-16 11:55 - 12:25 (solicited)

On the stability and energy dissipation in magnetized radio galaxy jets.

Bromberg, Omer; Tchekhovskoy, Alexander

E1.7-0015-16 (WITHDRAWN) 12:25 - 12:45

Different behavior in color variation between radio loud and radio quiet quasars

Wang, Junxian

Poster Program

Author in Attendance: Sunday, 15:30 - 17:00, Poster area: B1 Poster Area

STW = Sunday, Tuesday, Wednesday / TFS = Thursday, Friday, Saturday

STW-281 E1.7-0016-16

Long Term Correlations between X-rays and Gamma-rays in AGN

Ilhan, Muhammed Diyaddin; Guver, Tolga

STW-282 E1.7-0017-16

Non-thermal emission from the interaction of extragalactic jets with stars

Vieyro, Florencia; Torres-Albà, Núria; Bosch-Ramon, Valenti

STW-285 E1.7-0018-16

Soft Gamma-ray selected radio galaxies: favouring giant size discovery

Panessa, Francesca; Bassani, Loredana

STW-286 E1.7-0019-16

Multi-frequency properties of an narrow angle tail radio galaxy J 0037+18

Patra, Dusmanta; Pal, Sabyasachi; Konar, Chiranjib; Chakrabarti, Sandip Kumar

STW-287 E1.7-0020-16

Results from telescopes in orbit, and the greatest on the ground: A multifrequency study of AGNs

Villicana Pedraza, Ilhuiyolitzin; Mast, Damian; Martin, Sergio; Diaz, Angeles; Armijos Abendaño, Jairo; Saucedo Morales, Julio Cesar; Carreto, Francisco

TFS-209 E1.7-0021-16

The distribution of Extremely High Accretion Rates and Metallicities of QSO's as a Function of Redshift over Cosmic Evolution

Abu Seif, Nasser; Kazanas, Demosthenes

Poster Program

Author in Attendance: Tuesday, 15:30 - 17:00, Poster area: B1 Poster Area

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Poster Program

Author in Attendance: Wednesday, 15:30 - 17:00, Poster area: B1 Poster Area

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