

Scientific Event Report

E

Research in Astrophysics from Space

E1.17

Evolution of Millisecond Pulsars

Main Scientific Organizer

Kiziltan, Bülent

Deputy Organizer

McLaughlin, Maura

High Energy

Chair: Kiziltan, Bülent

Date: Sun, Jul 31, 2016. Room: 3B43

E1.17-0001-16 09:30 - 09:45

The NuSTAR view of the non-thermal emission from PSR J0437-4715

Guillot, Sebastien

E1.17-0002-16 09:45 - 10:00 (solicited)

Curious Repetitions in Magnetars

Archibald, Robert

E1.17-0003-16 10:00 - 10:20

Inference of Dim Gamma-Ray Point Sources Using Probabilistic Catalogues

Daylan, Tansu; Portillo, Stephen K. N.; Finkbeiner, Douglas P.

E1.17-0004-16 10:20 - 10:35

Discovery of near-ultraviolet counterparts to millisecond pulsars in the globular cluster 47 Tucanae

Rivera Sandoval, Liliana E. Team: Millisecond pulsar counterparts in 47 Tucanae

E1.17-0005-16 10:35 - 10:55 (solicited)

Prospects for Binary Neutron Star Observations with Advanced Gravitational-wave Detectors

Mandel, Ilya

Physics & Binary Evolution I.

Chair: Kiziltan, Bülent

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E1.17-0006-16 11:30 - 11:50 (solicited)

How to get the reduced B fields of millisecond pulsars: Flux expulsion by spindown before the LMXB phase

Alpar, Mehmet Ali; Gügercinoglu, Erbil

E1.17-0007-16 11:50 - 12:05

The spin frequency distribution of millisecond pulsar and implication of gravitational wave emission

Zhang, Chengmin

E1.17-0008-16 (WITHDRAWN) 12:05 - 12:20 (solicited)

The Dense Matter Equation of State and Neutron Stars

Lattimer, James

E1.17-0009-16 12:20 - 12:35

Study of frame tie between planetary ephemerids and ICRF with millisecond and young pulsars

Wang, Jingbo; Hobbs, George; Coles, William

E1.17-0010-16 12:35 - 12:50 (solicited)

Probing double neutron star evolution with pulsar observations

Ferdman, Robert

Physics & Binary Evolution II.
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E1.17-0011-16 14:00 - 14:20 (solicited)

On the magnetic field distribution of accreting neutron stars in LMXBs

Chakrabarty, Deepto

E1.17-0012-16 14:20 - 14:35

Spin down of rotating compact magnetized strange stars in general relativity

Abdujabbarov, Ahmadjon

E1.17-0013-16 14:35 - 14:50

Pulsars at the Center of the Galaxy

Majid, Walid

E1.17-0014-16 14:50 - 15:05

Modeling the Effect of Kick Velocity during the Accretion Induced Collapse of White Dwarfs on Binary Pulsars

Taani, Ali

E1.17-0015-16 15:05 - 15:25

Multi-wavelength studies of Redback and Black Widow pulsars

Mignani, Roberto; Salvetti, David; Belfiore, Andrea Mario; De Luca, Andrea; Pallanca, Cristina; Marelli, Martino

Observations & Surveys

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E1.17-0016-16 17:00 - 17:15

Pulsar observations with the MAGIC telescopes

Fidalgo, David Team: The MAGIC collaboration

E1.17-0017-16 17:15 - 17:30

The Arecibo Remote Command Center Program

Crawford, Fronefield; Jenet, Fredrick; Siemens, Xavier; Dolch, Timothy; Stovall, Kevin

Poster Program

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

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

E1.17-0018-16

Partial accretion regime of accreting millisecond pulsars

Eksi, Kazim

STW-252 E1.17-0019-16

Evolution of Transient Low-Mass X-ray Binaries to Redback Millisecond Pulsars

Li, Xiangdong

E1.17-0026-16

Modelling of the radio spectrum evolution in the binary pulsar B1259-63

Koralewska, Olga

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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