

Scientific Event Report

E

Research in Astrophysics from Space

E1.16

Evolution of Massive Stellar Binaries: Modeling and Observations

Main Scientific Organizer

Mandel, Ilya

Deputy Organizer

Maccarone, Thomas

Massive binaries: observations

Chair: Mandel, Ilya

Date: Fri, Aug 05, 2016. Room: 3B61

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

The initial conditions of massive star evolution

Sana, Hugues

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

B-type stars in eclipsing binaries

Ratajczak, Milena; Pigulski, Andrzej

E1.16-0003-16 (WITHDRAWN) 10:20 - 10:40

Magnetic properties of high-mass binary systems from the BinaMIcS project

Wade, Gregg

E1.16-0004-16 10:40 - 10:55

Diagnostics of the nucleosynthesis processes in the mass transfer binary systems: Cases u Herculis and δ Librae

Dervisoglu, Ahmet; Pavlovski, Kresimir; Kolbas, Vladimir; Southworth, John

Massive binaries: observations

Chair: Nelemans, Gijs

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E1.16-0005-16 11:30 - 12:00 (solicited)

Constraining X-ray binary natal kicks with Very Long Baseline Interferometry

Miller-Jones, James

E1.16-0006-16 12:00 - 12:20

X-Ray Binaries and Low-Metallicity Galaxies

Kaaret, Philip; Brorby, Matthew; Prestwich, Andrea; Mirabel, Igor Felix

E1.16-0007-16 12:20 - 12:35

Absolute Parameters and Evolution of Massive Binary System SV Cen

Yilan, Erkan; Güneş, Mümin; Bulut, İbrahim; Demircan, Osman

E1.16-0008-16 12:35 - 12:50

Discussion

Mandel, Ilya

Massive binaries: compact objects and explosions

Chair: Mandel, Ilya

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E1.16-0009-16 14:00 - 14:30 (solicited)

The formation of double neutron stars and double black holes

Nelemans, Gijs

E1.16-0010-16 14:30 - 14:45

Single versus binary star progenitors of Type IIb supernovae

Sravan, Niharika

E1.16-0011-16 14:45 - 15:00

Gamma Ray Burst with a delayed Supernovae explosion

Fargion, Daniele

E1.16-0012-16 15:00 - 15:15

Poster Presentations

Mandel, Ilya

Massive binaries: double compact object mergers

Chair: Nelemans, Gijs

Date: Fri, Aug 05, 2016. Room: 3B61

E1.16-0013-16 17:00 - 17:20

A New Channel for the Formation of Binary Black Holes — Chemically Homogeneous Evolution in Tidally Distorted Binaries

Mandel, Ilya; De Mink, Selma

E1.16-0014-16 17:20 - 17:40

Insights into stellar and binary evolution from gravitational-wave observations of merging compact objects

Stevenson, Simon

E1.16-0015-16 17:40 - 17:55

Discussion II

Mandel, Ilya

Poster Program

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

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

TFS-184 E1.16-0016-16

Orbital period variation study of massive Beta-Lyrae eclipsing binary IU Auriga

Yilan, Erkan; Bulut, İbrahim

TFS-185 E1.16-0017-16

O-C Analysis of System EZ HYDRA

Yilan, Erkan; Bulut, İbrahim

TFS-186 E1.16-0018-16

Photometry of stars in the Cas OB5 Associations

Tanriver, Mehmet; Keskin, Ahmet

TFS-187 E1.16-0019-16

Formation of Galactic Black Hole Low-Mass X-ray Binaries

Li, Xiangdong

TFS-188 E1.16-0020-16

Runaway Stars in Supernova Remnants

Pannicke, Anna; Dinçel, Baha; Neuhaeuser, Ralph

TFS-189 E1.16-0021-16

Modelling the Emission And/or Absorption Features in the High Resolution Spectra of the Southern Binary System: HH Car

Koseoglu, Dogan; Bakış, Hicran

TFS-190 E1.16-0022-16

Long-term Observations of Wolf-Rayet Type Binary Systems WR 127 and WR 141

Akoz, Ibrahim; Yakut, Kadri

TFS-191 E1.16-0023-16

Frequencies Shift in Relativistic Binary System (Theoretical Study)

Morcos, Abd El Fady

TFS-192 E1.16-0024-16

Binary characteristics of a newly discovered black hole binary MAXI J1910-057 studied by long-term multi-wavelength observations.

Yoshii, Taketoshi; Tachibana, Yutaro; Saito, Yoshihiko; Yatsu, Yoichi; Kawai, Nobuyuki; Hanayama, Hidekazu

TFS-193 E1.16-0025-16

Detached binary system MQ Centauri and its relation with Crux OB1 Association

Tunc, Efekan; Bakış, Volkan

Poster Program

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

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Poster Program

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

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