POSTERS

Astrometry, reference frames and Fundamental Physics

A1 - Akhmetov Volodymyr - The PMA catalogue as a realisation of the extragalactic reference system in optical and near infrared wavelengths.

A2 - Arlot Jean-Eudes - New astrometric reduction of old observations with Gaia catalogue, the NAROO project

A3 - Beasley Anthony - High-Precision VLBA Tracking of Gaia Spacecraft Relative to the ICRF and Geocenter.

A4 - Casetti Dana - Gaia as an Astrometric Calibrating Tool for Deep Ground-based Surveys

A5 - Damljanovic Goran - Remarks of Gaia DR1 magnitude using ground-based optical monitoring of QSOs

A6 - Ducourant Christine - Parallaxes of Ultra-cool brown dwarfs using the Gaia DR1 catalogue

A7 - Erece Orhan - Comparison of Astrometry of Gaia DR1 Catalogue with 2MASS

A8 - Gouda Naoteru - Outline of Infrared Space Astrometry missions : JASMINE

A9 - Hoeg Erik - From the Landgrave in Kassel to Isaac Newton

A10 - Hoeg Erik - A Danish computer from 1961 with a role in the modern revolution of astronomy

A11 - Huo Zhiying - Quasars in the Galactic Anti-Center Area from LAMOST DR3

A12 - Kilic Yucel - Astrometry with A-Track Using Gaia DR1 Catalogue

A13 - Krone-Martins Alberto - Blind detection of Quasar Lenses in Gaia DR1 : 3 and 4 image configurations

A14 - Liao Shilong - Astrometric Determination of the Basic Angle Variations of Gaia

A15 - Marco Francisco J. - A 3D study of the residual vector field HIP2-UCAC4

A16 - Martinez Maria J. - Impact on the HIPPARCOS2-UCAC4 geometric relation from stellar physical properties

A17 - Mora Alcione - The Gaia Archive: a user perspective

A18 - Morgado Bruno Eduardo - Astrometry of mutual approximations between the Galilean moons observed from Brazil at 2016

A19 - Ramos Gomes Junior Altair - Astrometry of the Neptune-Triton System from ground-based observations

A20 - Sahlmann Johannes - Enabling science with Gaia observations of naked-eye stars

A21 - Sahlmann Johannes - Optimisation of JWST operations with the help of Gaia

A22 - Sesar Branimir - A Probabilistic Approach to Fit Period-Luminosity Relations and Validating Gaia Parallaxes

A23 - Yamada Yoshiyuki - Nano-JASMINE and small-JASMINE data analysis

A24 - Yano Taihei - Clarification of the formation process of the super massive black hole by Infrared astrometric satellite, Small-JASMINE

A25 - Zhang Qingfeng - Astrometric Reduction of Cassini ISS images of Enceladus in 2015 based on Gaia DR1

A26 - Zschocke Sven - Light propagation in the Solar System for astrometry on sub-microarcsecond level

A27 - Abbas Ummi - The Differential Astrometric Reference Frame on short time scales in the Gaia Era

The Solar System and exoplanets

B1 - **Adibekyan Vardan -** Trends with condensation temperature and terrestrial planet formation: The case of Zeta Reticuli and our Sun

B2 - **Avdellidou Chrysa -** Asteroid occultations in the GAIA era from the KRYONERI TELESCOPE

B3 - **Bueno De Camargo Julio -** Solar system astrometry, Gaia, and the large sky surveys ? a huge step ahead to stellar occultations by distant small solar system bodies

B4 - **Cellino Alberto -** Using Gaia spectrophotometric data for the purposes of asteroid taxonomy

B5 - **Delbo Marco -** Gaia and the spectroscopy of asteroids

B6 - **Godunova Vira -** Follow-up studies of Gaia's transients at the Terskol Observatory

B7 - **Kuznetsov Eduard -** Alerting observations of asteroids at the SBG telescope of the Kourovka Astronomical Observatory in the Gaia-FUN-SSO Network

B8 - **Sahlmann Johannes -** Enabling science with Gaia observations of naked-eye stars

B9 - **Shakht Nataliia -** Observations of the satellites of the major planets at Pulkovo Observatory.

B10 - **Torres Santiago -** Dynamics of the Oort Cloud in the Gaia Era I: Close Encounters

B11 - **Vchkova Bebekovska Elena -** Preliminary Results of Low Dispersion Asteroid Spectroscopy Survey

B12 - **Wang Na -** Precise CCD positions of Triton in 2014-2016 from the newest Gaia DR1 catalogue

B13 - **Zhang Xiliang -** Astrometry and Spectra Classification of Near Earth Asteroids with Lijiang 2.4m Telescope

B14 - **Ivantsov Anatoliy -** Astrometric error in the ground-based positions of asteroids using the Gaia DR1

Milky Way populations

C1 - **Anguiano Borja -** The kinematics of the white dwarf population from the SDSS DR12

C2 - **Anguiano Borja -** Looking for the solar siblings using GALAH & TGAS

C3 - **Berski Filip -** Close stellar encounters after Gaia DR1

C4 - **Boesso Silva Raquel -** Identification of Structures in the Stellar Abundance Space Using the GES

C5 - **Casagrande Luca -** Investigating the age structure of the MW disc with space and ground based photometry

C6 - **Chen Bingqiu -** Constraining the Galactic structure using the LAMOST and Gaia data

C7 - **Chun Wang -** LAMOST spatial & temporal evolution of metallicity distribution function of the outer MW disk

C8 - **Coronado Johanna -** Abundance dependence of orbits in TGAS

C9 - **Delphine Russeil -** OB stars towards NGC 6357 and NGC 6334

C10 - **Evans Wyn -** Gaia and the shape of the dark halo of the Milky Way

C11 - **Goldman Bertrand -** What we learn from TGAS about the moving groups of the Solar neighbourhood

C12 - **Guiglion Guillaume -** The AMBRE Project: r-process element abundances in the MW thin and thick discs

C13 - **Howes Louise -** The interplay between the thin and thick disks, as seen by the Gaia-ESO Survey

C14 - **Huang Yang -** The mass distribution of the Milky Way

C15 - **Hunt Jason -** Exploring Galactic dynamics with TGAS

C16 - **Joshi Yogesh -** Open star clusters and Galactic structure

C17 - **Koppelman Helmer -** The time evolution of gaps in tidal streams in axisymmetric potentials

C18 - **Lallement Rosine -** 3D maps of the ISM: impact of TGAS and Gaia perspectives

C19 - **Lepine Jacques -** The Local Spiral Arm of the Galaxy explained by trapping of matter in the co-rotation resonance zone of stability, and other interesting properties of co-rotation

C20 - Lin Chien-Cheng - Open cluster dynamics via fundamental plane

C21 - Liu Xiaowei - LAMOST Galactic Spectroscopic Surveys and synergy with the Gaia mission

C22 - McMillan Paul - How far away are these stars? Comparing and combining TGAS parallaxes and RAVE distance estimates

C23 - Mickaelian Areg - Gaia based discoveries of new white dwarfs ? evolutionary signatures of the Milky Way

C24 - Mikolaitis Sarunas - CNO distributions in the Solar neighborhood with Gaia data

C25 - Mishenina Tamara - Stellar parameters, Chemical composition of stars and Models of chemical evolution

C26 - Montes David - Revisiting membership of late-type stars to stellar kinematic groups using Gaia-DR1

C27 - Nagayama Takahiro - Long term near infrared monitoring observation of very bright stars

C28 - Ogiya Go - Probing the assembly history of the Milky Way with stellar tidal streams

C29 - Peterson Ruth - Gaia clarification of galactic archaeology effects on Mo and Ru abundances in metal-poor stars

C30 - Puspitarini Lucky - Developing automated spectral analysis tools for interstellar features extraction to support construction of 3D description of the Galactic ISM

C31 - Reindl Nicole - Hot white dwarfs: Powerful probes for Galactic archaeology and the nature of dark matter

C32 - Rich R. Michael - The Blanco DECam Bulge Survey: A Deep ugrizY image of the Galactic Bulge

C33 - Robin Annie - Kinematics of the local disc from RAVE survey and Gaia first data release

C34 - Rocca Volmerange Brigitte - Modeling quasars and host-galaxies with Gaia/DR1

C35 - Rojas Alvaro - Understanding the dynamics of thick metal-rich and thin metal-poor disk stars

C36 - Sahlmann Johannes - First Gaia Local Group dynamics: Magellanic Clouds proper motion and rotation

C37 - Sariya Devesh - Proper motions of stars in the globular clusters using WFI@2.2 m telescope

C38 - Sharma Mahavir - Milky Way through EAGLE eyes in GAIA era: finding the fossils of first stars and galaxies & on the origin of carbon enhanced metal poor stars

C39 - Sitnova Tatyana - Confronting the Gaia and NLTE spectroscopic parallaxes for the FG dwarf sample

C40 - Smiljanic Rodolfo - The relation between velocity dispersions and chemical abundances in RAVE giants

C41 - Sohn Tony - HST Proper Motions of Distant Globular Clusters: Constraining the MW Formation and Mass

C42 - Spagna Alessandro - Chemo-dynamical signatures in simulated Milky Way-like disk galaxies

C43 - Teixeira Ramachrisna - Revisiting TW Hydrae association in light of Gaia-DR1

C44 - Tinney Chris - Gaia+FunnelWeb: An Unbeatable combination for All-Southern-Sky Spectroscopy

C45 - Tsantaki Maria - Stellar parameters in the era of large surveys

C46 - Velcovsky Jaroslav - Complex study of the open cluster NGC 2281

C47 - Veljanoski Jovan - A box full of chocolates: The rich substructure of the nearby stellar halo revealed by Gaia

C48 - Vioque Miguel - Herbig Ae/Be stars with TGAS parallaxes in an HR diagram

C49 - Wojno Jennifer - Correlation between ages, metallicities, and velocities of stars in the solar neighborhood as seen by the RAVE survey

C50 - Yen Steffi - Reanalysis of 24 Nearby Open Clusters using Gaia Data

C51 - Yuan Haibo - A spectroscopy-based self consistency check of Gaia photometry and astrometry

C52 - Yuan Haibo - Mapping the dust and diffuse interstellar bands with LAMOST and Gaia

C53 - Zenoviene Renata - Spectroscopic and Photometric Survey of Northern Sky for the ESA PLATO space mission

C54 - Zhang Fupeng - The Milky way Hyper-velocity stars and the Galactic center young stars: two faces of the tidal breakup of binaries by the central massive black hole

Stellar Physics

D1 - **Belmonte Maria Teresa** - New atomic data for the Gaia-ESO Survey

D2 - **Boubert Douglas** - Runaway companions of supernova remnants with Gaia

D3 - **Escorza Ana** - To Ba or not to Ba: the formation of Barium stars in the Gaia era

D4 - **Eswar Reddy Bacham** - Understanding Li enhancement in K giants and role of accurate parallaxes

D5 - **Gallenne Alexandre** - Dynamical masses of Cepheids from the GAIA parallaxes

D6 - **Guo Difeng** - The Sco OB2 Association in Gaia Era

D7 - **Hummel Christian** - The promise of GAIA for stellar masses in single-lined binaries resolved by interferometry

D8 - **Jimenez-Esteban F.** - Catalogue of binary and multiple stars from TGAS and the Virtual Observatory

D9 - **Jorissen Alain** - Location of peculiar red giants in the HR diagram

D10 - **Lagarde Nadège** - Red-giants: the lighthouses in the Milky Way

D11 - **Merle Thibault** - Double, triple and quadruple-line spectroscopic binary candidates within the GES

D12 - **Nardetto Nicolas** - The Baade-Wasselink projection factor of pulsating stars in the Gaia area

D13 - **Ngeow Chow-Choong** - G-Band Period-Luminosity Relation For Galactic Cepheids Based on Gaia DR1

D14 - **Shetye Shreeya** - The HR Diagram of S-type stars

D15 - **Titarenko Anastasia** - The AMBRE Project : [Y/Mg] stellar dating calibration with Gaia DR1

D16 - **Trahin Boris** - The Gaia-SPIPS Galactic Cepheid sample

D17 - **Van Belle Gerard** - Linear Radii of Evolved Stars

D18 - **Van Der Swaelmen Mathieu** - Detection of spectroscopic binaries: lessons from the GES

D19 - **Van Eck Sophie** - Carbon-enriched stars within the Gaia-ESO survey

D20 - **Voloshina Irina** - Observational Facilities of Sternberg Astronomical Institute for Ground-Based Photometric Study of Newly Identified Gaia Cataclysmic Candidates

D21 - **Wang Xiaoli** - The constraint on single-lined spectroscopic binaries by Gaia data

D22 - **Xia Fang** - Nearby triple star HIP 101955

D23 - **Yu Bin** - 3D dust mapping of 14 supernovae remnants in the Galactic anticentre

D24 - **Yuce Kutluay** - Mathematical Assessment of Physical and Chemical Processes from the middle B to the early F Type Main Sequence Stars

D25 - **Zola Stanislaw** - Search for massive companions of eclipsing binary systems.

D26 - **Arenou Frédéric** - Can TGAS improve the knowledge of binary stars properties?