

GAIA DR3 AND SOME RESULTS OF SERBIAN- BULGARIAN COOPERATION

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After Gaia DR1 (First release, 14st September 2016) and Gaia DR2 (Second release, 25st April 2018), it is going to be available the Third release, soon. In the third quarter of 2020, an early Gaia EDR3 is expected, and the Gaia DR3 catalog is expected after June 2021. Mainly, the Gaia EDR3 catalog will be consisting of improved astrometry and photometry, but the Gaia DR3 catalog of Gaia EDR3 contents and other data: mean radial velocities for stars (with atmospheric-parameter estimates), variable-star classifications with the epoch photometry, solar-system results (some orbital solutions, epoch observations, etc.), double and multiple stars, QSOs and results of extended objects, etc. Also, some results about the Serbian-Bulgarian cooperation in line with Gaia mission are presented.

