

In June 2022 the Gaia Data Release 3 was released to the scientific community. This release exhibits significant improvements in precision and accuracy of astrometry and broadband photometry with respect to the previous releases, but also it includes a large variety of new data products. The Space Science Data Center (SSDC), located in Rome, is one of the four partner datacenters that made available the Gaia data simultaneously with the ESA Gaia Archive (ESAC).

In this session, I will shortly introduce the Gaia DR3 and give the details of the official cross-match algorithms used to match Gaia with optical/near infrared photometric and spectroscopic surveys.

Then, we will explore the ways to access the Gaia database, in particular focussing on the user-friendly web interface (gaiaportal.ssdsc.asi.it) developed in SSDC, in order to obtain, in a very simple way, data needed for some scientific cases.