

Winter Meeting 2024



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Software and data processing activities of the ICCUB Technology Unit

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The ICCUB Technological Unit is contributing to the software development and data processing of several projects of the Institute. The most important one is Gaia, where we develop data processing pipelines and catalogue validation tools, and research on data mining solutions including cloud computing. Gaia has even led to spin-off projects, related to light pollution or even cybersecurity, and we keep an eye on a possible successor, GaiaNIR. We also participate in other projects such as Virgo, the Einstein Telescope, PLATO, nanosatellites (including IEEC's PhotSat), and recently, LISA. In this talk I will present and briefly describe these software engineering and data processing activities at the ICCUB.

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