

INTEGRAL High Energy Sky: the keV to MeV cosmic sources

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After almost 5 years of operation, ESA's INTEGRAL Space Observatory has unveiled a new soft Gamma ray sky and produced a remarkable portfolio of results, ranging from the inventory of the high energy sources, to the discovery of dozens of variable sources to the mapping of the Al and annihilation line in the Galaxy. INTEGRAL is continuing the deep observations of the Galactic Plane and of the whole sky in the soft Gamma ray range. The new IBIS gamma ray catalogue contains more than 420 sources detected above 20 keV. We present a view of the INTEGRAL high energy sky with particular regard to sources emitting at high energy, including AGNs, HESS/MAGIC counterpart and new view of the cosmic gamma ray diffuse background.

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Session Classification: Plenary Session: Gamma Detection - 2