# Investigating what is optically invisible

Each cosmic object emits different categories of light depending on its age, composition and temperature, visible and ultraviolet light but also infrared and radiowaves. In order to get a complete image of a cosmic object, its origins and its evolution, modern astronomy combines observations of different wavelengths, all complementary to one another.

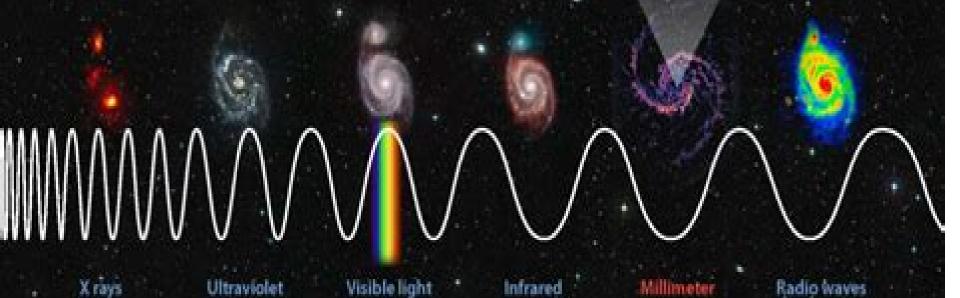
-10nm

< 1 nm

Visual of the M51 gelaxy from data collected at millimeter wavelengths by the MAM observatories

Radio waves

≥ 10 cm



-500 nm

Infrared

-10 µm

-1 mm

# **Evolution Of Radio Astronomy**

Siddappa N.Byrareddy

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