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Sesión Científica: La via lactea y sus componentes

Título: Multi-wavelength Studies of Wolf-Rayet Bubbles

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Resumen:

Wolf-Rayet stars harbor the most powerful stellar winds, with terminal wind velocities above 1,000 km/s and mass-loss rates up to 10^{-4} Msun/yr. These stellar winds blow bubbles and produce notorious interactions with the circumstellar material. These can be detected at different wavelengths, either in X-rays produce inside the hot bubble, or nebular optical emission lines at the swept-up material ionized by the central star, or by the infrared thermal emission of dust at the outer nebular edge.