

Abstract Submitted
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Application of a cooled-ccd astronomy camera to biological imaging¹ ANNIE GUZZI, WILLIAM HAMMOND, PAULO GARCIA, ROBERT WELSH, Physics, William and Mary, JIANGUO QIAN, Applied Science, William and Mary, ERIC BRADLEY, MARGARET SAHA, Biology & Applied Science, William and Mary — A cooled-ccd digital camera (Santa Barbara Instrument Group ST-6) originally intended for astronomical observation has been modified for use in fluorescent/luminescent imaging for biological studies. Enhanced cooling techniques to achieve low-noise conditions and typical applications in biological work will be described.

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