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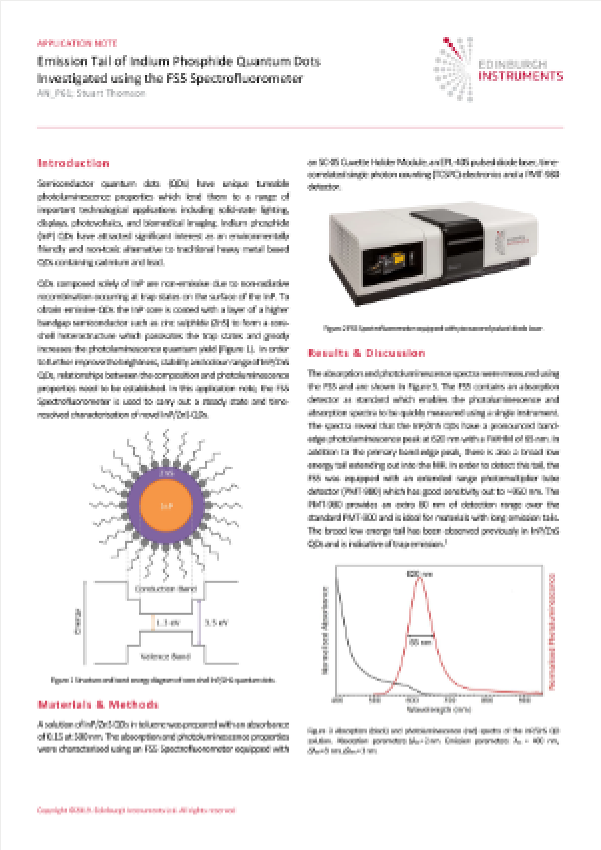

Emission Tail of Indium Phosphide Quantum Dots

Semiconductor quantum dots (QDs) have unique tunable photoluminescence properties which lend them to a range of important technological applications including solid-state lighting, displays, photovoltaics, and biomedical imaging. Indium phosphide (InP) QDs have attracted significant interest as an environmentally friendly and non-toxic alternative to traditional heavy metal based QDs containing cadmium and lead. In this article Edinburgh Instruments investigates the emission tail of indium phosphide quantum dots using their FS5 Spectrofluorometer.

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