

## **Strategies to synthesize CdSe@CdS dots-in-rods (dirs) with tunable PL properties**

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Complex core-shell architectures with elongated shape exhibit outstanding optical properties. In particular, several researchers are triggered to produce CdSe@CdS dots-in-rods (dirs), where CdSe quantum dots (QDs) are incorporated in CdS tubular inorganic shells (rods). The present contribution focuses on strategies to grow CdSe@CdS dirs with tunable PL properties, suitable for the fabrication of advanced optoelectronic devices.