

Abstract Submitted
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Single Layer Multipolymer Photovoltaics GRANT OLSON, RYAN BLUMENTHAL, SPENCER HERRICK, DANIEL SPAIZMAN, ROBERT ECHOLS, Cal Poly San Luis Obispo — Polymer (Plastic) solar cells are an exciting and quickly developing area of study in photovoltaics. Our research group uses a blend of high and low bandgap polymers to create solar cells with broad spectral response, while maintaining a simple single active layer. Devices created have power conversion efficiencies as high as 2.0%, with a spectral response that spans from 400 to 900nm, the portion of the solar spectrum with the highest photon flux.

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