

CWSF 2018 - Ottawa, Ontario



Conformable LEECs using Elastomeric Emissive Materials

Challenge: Information

Category: Intermediate

Region:

City: ,

School:

Abstract: My project involves the fabrication of light emitting devices that are flexible, or even stretchable. These devices have many uses including biomedical applications in which they could be integrated into the body to monitor blood glucose levels for people who are diabetic, or for use in electronic environments such as foldable cell phones. Various substrates were experimented with to achieve flexibility while maximizing conductivity.

Awards	Value
CAP Physics Prize - Intermediate	\$750
Sponsor: Canadian Association of Physicists	
Total	\$750