## 24th Australian Institute of Physics Congress



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## Printable wafer-scale antimony-doped indium oxide nanosheets for high-performance optoelectronics

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Atomically thin antimony doped indium oxide nanosheets have been synthesized utilizing a scalable liquid metal-based printing technique. The work proposes a viable pathway for realizing ultra-thin transparent semiconducting oxides with enhanced electronic and optical properties for next-generation optoelectronics.

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