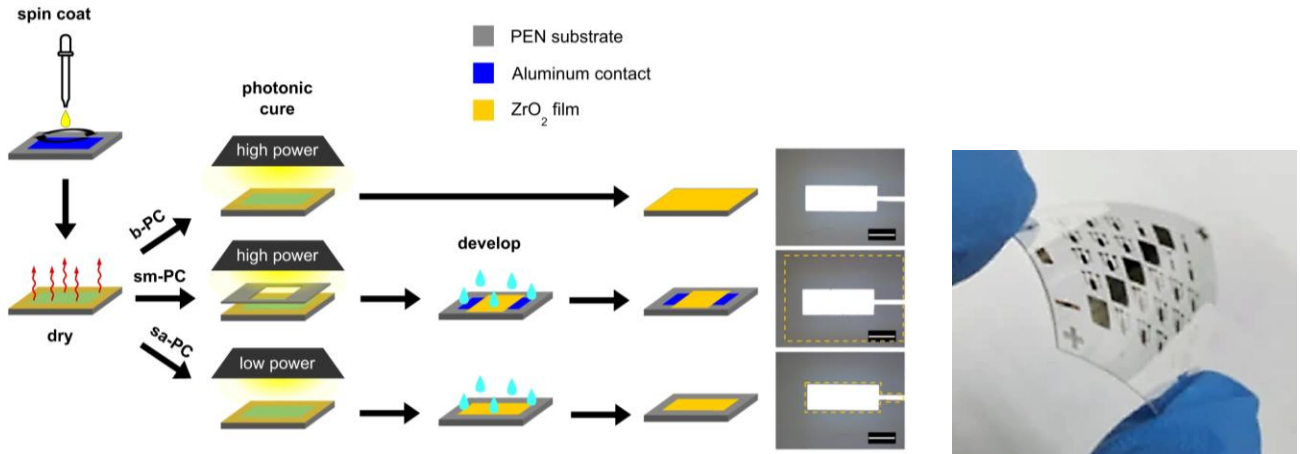


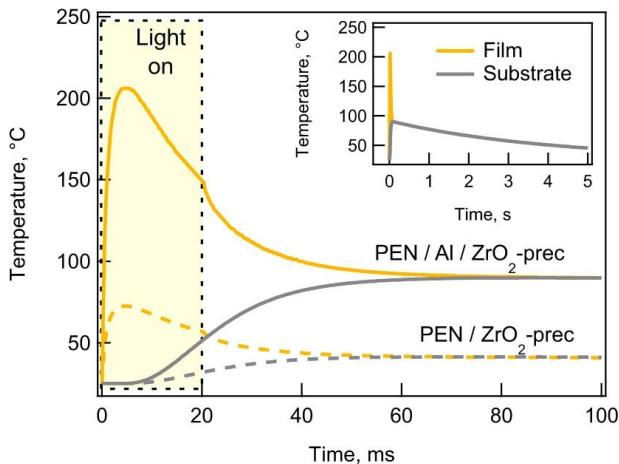
Daunis, T.B., Schroder, K.A. & Hsu, J.W.P. Photonic curing of solution-deposited  $ZrO_2$  dielectric on PEN: a path towards high-throughput processing of oxide electronics. *npj Flex Electron* 4, 7 (2020). <https://doi.org/10.1038/s41528-020-0070-4>



Flash lamp used for **3 different methods** of curing and patterning of  $ZrO_2$  dielectric film

- 1, b-PC, Blanket Photonic Curing
- 2, sm-PC, Shadow Mask Photonic Curing
- 3, sa-PC, Self Aligned Photonic Curing

Photonic Curing Temp Time Profiles



Photonic Curing Process Optimization

