Poster Presentation

[FLXp1]Flexible Electronics Technologies

Thu. Nov 28, 2019 2:30 PM - 5:00 PM Main Hall (1F)

2:30 PM - 5:00 PM

[FLXp1-6]Effect of OCA properties on foldable AMOLED panel with a module structure

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The main design goal of the foldable OLED display is to avoid the film stack failure caused by bending stress during repeated folding and unfolding. This paper models and simulates the structure of the foldable OLED screen module, and explores the visco-hyperelastic mechanical characteristics for optical clear adhesive, such as the factors of influence of hyperelastic modulus, viscoelastic parameters and Poisson's ratio