

Oral Presentation

[LCT1]Evaluation Techniques

Chair: Masaru Inoue (Toyo Tech. LLC)

Co-Chair: Yoshinori Iwashita (DIC)

Wed. Nov 27, 2019 1:40 PM - 3:00 PM Room 107 (1F)

2:00 PM - 2:20 PM

[LCT1-2]The Systematically Investigation on the Influence Factor on Vertical Alignment State of Polyimide-free Liquid Crystal Displays

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Keywords:polyimide-free, liquid crystal displays, vertical alignmnet, self-assembly capability, hydrogen bond

In this report, we systematically investigated the influence of types of substrate, different treatment method, the concentration of additive, the routes and temperature of possess on the polyimide-free liquid crystal display. We presume two key factors, one is self-assembly capability, the other is hydrogen bond force.