[OLED2] OLED Material
Chair: Takahiro Komatsu (JOLED)
Co-Chair: Hitoshi Kuma (Idemitsu Kosan)
Wed. Nov 27, 2019 3:20 PM - 4:40 PM Room 204 (2F)

3:20 PM - 3:40 PM

[OLED2-1(Invited)] Long-Persistent Luminescence from Organic Molecules
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Keywords: Organic Long-Persistent Luminescence, Photoluminescence, Organic semiconductor

We demonstrate long persistent luminescence from simple mixtures of two appropriate organic materials. Moreover, emission color of organic LPL can be tuned by the extra emitter dopants. We also demonstrated a polymer-based organic LPL system that is flexible, transparent, and solution-processable.