

Symposium (Oral) | Symposium : 【Open Symposium】 A Future Opened by Cutting-edge Semiconductors - Expectations for Applied Physics -

📅 Mon. Sep 16, 2024 1:30 PM - 4:30 PM JST | Mon. Sep 16, 2024 4:30 AM - 7:30 AM UTC 🏛️ A24 (TOKI MESSE 2F)

[16p-A24-1~8] (Open Symposium) A Future Opened by Cutting-edge Semiconductors - Expectations for Applied Physics -

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2:05 PM - 2:20 PM JST | 5:05 AM - 5:20 AM UTC

[16p-A24-4] Development of stacked CMOS image sensors

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Keywords : image sensor、stacked structure、through silicon via

CMOS image sensors, which are the imaging devices used in cameras, have seen a significant shift towards a "stacked" structure in recent years, bringing about major advancements in imaging and recognition capabilities in smartphones and automotives. In this presentation, I will explain the concept behind the development of stacked CMOS image sensors and discuss their advantages and effects.
