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Follow-up observations of transients with optical telescopes

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We perform optical follow-up observations of transients such as gravitational wave signals and fast radio bursts with the Subaru telescope/Hyper Suprime-Cam (HSC), which is a wide field camera with a field of view of 1.7deg^2 . The Subaru/HSC has the highest light collecting power in unit time among all optical telescopes currently in operation. In this presentation, I will introduce our observational challenges in the follow-up observations with Subaru/HSC.

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Session Classification: Gamma-Ray Burst Correlations: Observational Challenges and Theoretical Interpretation

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