R005-P02
ポスター 2：11/25　PM1（13:45-15:45）

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Operations of single-board computer-based all-sky digital camera systems at multiple sites

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We have developed a single-board computer-based all-sky digital camera system, which is a simple, compact, lightweight, and low-cost camera system. The developed camera system is not high-end, but it is still convenient for quick monitoring of weather and aurora conditions. Thus, all-sky observations by the developed camera system would be useful for supporting other observations, which need information on weather and/or aurora conditions. To date, we have produced seven camera systems in total. Among them, four camera systems have been installed to support the atmospheric electric field observations in Chofu (35.7N, 139.5E), Sugadaira (36.5N, 138.3E), Iwaki (37.1N, 140.9E), and Kakioka (36.2N, 140.2E). The other three camera systems have been installed for aurora observations in Longyearbyen (78.1N, 16.0E), Tromsø (69.6N, 19.2E), and Abisko (68.4N, 18.8E). In the presentation, we will introduce the developed camera systems. Then, their current status and next plans will be discussed.