



Contribution ID: 109

Type: **Poster Presentation**

A New Trial of Physics/Science Short Lab Class for Non-Science Courses Students in Kagawa University

Tuesday, 2 October 2018 17:44 (1 minute)

We have demonstrated a new use of technology which is based on a conventional thermography to show the heat transfer of water. Our main purpose of the research was focused to the development of science class lab in primary school. After then we could expand some teaching materials and ideas to some national and public primary schools.

Nowadays we found that our students subject to non-scientific area had only tiny knowledge of natural science just like primary school children, even though they passed difficult entrance examinations. More seriously, this trend is becoming conspicuous. We physics and science teachers have made a project team in the university four years ago against this situation, and planned new science lab class for such the students. We employed a teaching material (ex. thermography) which is intuitively understand but based on new technology facing to cutting edge for a single class, and we provided such the materials continuously through one semester.

We are going to start from a short survey of educational situation in Japan, and show our project in the university and explain our materials.

Apply to be considered for a student award (Yes / No)?

No

Level for award (Hons, MSc, PhD, N/A)?

N/A

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Session Classification: Poster Session

Track Classification: Track E - Teaching and Learning of Laboratory based Physics