

Abstract Submission Form

1. Contact information

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2. Presentation

Presentation Type	<ul style="list-style-type: none"> ● Oral Presentation () ● Poster Presentation () ● Workshop (1) ● Demonstration ()
Name of Authors (* for presenter)	Hisashi OTSUJI
Title	Let's talk on and evaluate over a short lesson "Wondrous Forest"
Abstract (150-200 words)	
<p>Whatever we do to enhance or reform science education to move in new directions, such as Sustainability or STE(A)M, the most important stakeholders are the teachers who face students every day. I teach science teaching methodology at a college of education in a local university, and I usually introduce and disclose some traditional PCK through my mini-lessons and discuss or evaluate it with participants. Attending this workshop, participants will gain some new ideas about PCK, but they will also come to realize how much science teaching is influenced by invisible cultural codes. Following a 5-minute introduction, participants are expected, with eagerness for inquiry, to act as higher elementary or lower secondary students in a 40 minute mini-lesson, "Wondrous Forest". The remainder of the workshop will be open to further discussion and evaluation along the conference theme: "The Evaluation of Science Teachers' Professionalism." The mini-lesson will be about the food-chain, ecosystem and sustainability. Learners will gain the knowledge that "Salmon grows forest." However, they will also face another mystery to be solved. The workshop will be full of opportunities to activate participants' previous knowledge or experiences and to enhance their reasoning ability, so that not only science education researchers and teachers but also young teacher candidates will benefit from attending this workshop. (200 words now)</p>	

Attention: I do not need any projector, however, I need a wide blackboard or whiteboard which allows magnet.