
The 129th iCeMS SEMINAR

Wed 26 Dec 2012
10:30–12:00

**Science communication and
science education: A mutual past, and
can there be a future together?**

Lecturer: **Dr. Sean Perera**
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Public Awareness of Science (CPAS)
The Australian National University (ANU)

Venue: 5th floor Large Conference Room
Graduate School of Science Bldg. No.1, Kyoto University

Science communication, over the last two decades, has shifted its onus from public understanding to public engagement. These efforts have been paralleled in science education, which strives to promote continued student engagement with science. However, many science teachers' persistence with more traditional forms of pedagogy is a chief deterrent to this endeavour. Since many teachers' inadequate understanding about science is regarded as inhibiting their use of inquiry-based pedagogy, professional development based on constructivist principles has been identified to remedy this problem. Research with the aim of facilitating conceptual change in teachers, has found that constructivist principles of learning and teaching serve to underpin effective science communication practices. These findings propose the need for greater involvement of science communication in science education reform.

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