## Perspectives: What we would like to know from the Recent and ancient chemosynthesis-based ecosystem?

\*Robert Jenkins<sup>1</sup>, Hiromi Kayama WATANABE<sup>2</sup>, Takami Nobuhara<sup>3</sup>

1. School of Natural System, College of Science and Engineering, Kanazawa University, 2. Japan Agency for Marine-Earth Science and Technology, 3. Faculty of Education, Shizuoka University

It is a time for discussion for future researches on evolution of chemosynthesis-based ecosystem.

Keywords: cold-seep, hydrothermal vent, whale-fall community, sunken-wood community