
[EJ] Evening Poster | B (Biogeosciences) | B-PT Paleontology

[B-PT05] Evolution of Chemosynthetic Ecosystem in Earth History

convener: Robert Jenkins (School of Natural System, College of Science and Engineering, Kanazawa University), Hiromi Kayama WATANABE (Japan Agency for Marine-Earth Science and Technology), Takami Nobuhara (静岡大学教育学部理科教育講座地学教室)

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Chemosynthetic communities have changed in their taxonomic composition and spatial distribution through the Earth history, but the causes and backgrounds remain to be unclear. Topics and information in various studies will be exchanged between geology, paleontology, geochemistry, and biology. We also hope to raise some seeds of co-works on evolutionary study on chemosynthetic ecosystem.

[BPT05-P05] Perspectives: What we would like to know from the Recent and ancient chemosynthesis-based ecosystem?

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

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