

Reconstruction of foraminiferal calcification process by effective use of restricted data

*Miki Y. Matsuo¹, Takashi Toyofuku¹, Fumito Shiraishi², Lennart Jan de Nooijer³, Hide Sakaguchi¹

1.Mathematical Science and Advanced Technology, Japan Agency for Marine-Earth Science and Technology, 2.Department of Earth and Planetary Systems Science, Graduate School of Science, Hiroshima Univ., 3.Royal Netherlands Institute for Sea Research

In this presentation, We propose the method of reconstruction of calcium dynamics around foraminiferal test from a small data like obtained by calcium probe, and report the result of application of our method to real calcification data.