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BPO003-P03

会場:コンベンションホール

時間:5月26日 14:00-16:30

## 生物起源炭酸塩の古温度計としての安定酸素同位体比分析の展望 Perspectives in stable oxygen isotope analysis as paleo-thermometer in biogenic carbonates

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In this presentation, I'll summarize the recent progress of the high-resolution analyses of stable oxygen isotopes of biogenic carbonates as paleo-thermometer. Especially, the cold-water coral and fish otolith are treated as materials in order to describe the  $\delta^{18}\text{O}$ -thermometer and clumped-isotope thermometer ( $\delta^{47}$ ).

キーワード: 生物源炭酸塩, 酸素同位体比, 古水温計  
Keywords: biogenic carbonate, oxygen isotope, paleo-thermometer