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Radiocarbon Perspectives on Carbon Cycle Processes

Speaker: Prof. Timothy Eglinton

ETH Zürich, Switzerland

Time: 9:30 am Oct 27, 2016

Venue: Conference Room, Ecology Building
(生态楼二层会议室)

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Brief Introduction of Speaker:

Prof. Timothy Eglinton is the fellow of the Royal Society, professor of Biogeoscience, Geological Institute, ETH **Zürich**. He's research is uncovering the processes that govern the Earth's carbon cycle, from the molecular level to the global scale. He pioneered the application of radiocarbon dating as a way to follow the cycling of carbon at the Earth's surface — vastly improving the accuracy of estimating the amount of carbon and the timescales involved. He is examining the carbon cycle by following all parts of the process — from the production and transport of organic materials on land and at sea, to their burial — over a range of spatial and temporal scales. His research is also shedding light on the cycle in the geological past through the analysis of organic signatures preserved in the geological record. Prof. Eglinton has published more than 170 papers with many in top-notch journals (*Nature*, *Science*, *PNAS*) with > 4000 citations.



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