

Advances in Stratigraphy and Geochronology

Virtual Seminar Series of the Stratigraphy and Chronology Commission (SACCOM) of INQUA

Thursdays at 9 am USA EST, 2 pm London, 3 pm Paris, and 10 pm Beijing time.

The ninth talk of the weekly series is on **June 17**,
given by:

Dr. Kenneth Mertens (IFREMER, Concarneau, France)
“Never mind the dinosaurs, here's the dinoflagellates”



Kenneth Neil Mertens is a researcher at Ifremer, LER BO, Concarneau, France. He received his Ph.D. in 2009 from Ghent University. His research interests are the taxonomy, evolution, phylogeny and biogeography of dinoflagellates, and the palaeoceanographical application of dinoflagellate cysts, particularly in the Quaternary and Neogene.

Abstract: In this lecture I will talk about a remarkable group of microorganisms called dinoflagellates. These form cysts which have been present in the fossil record since the mid Triassic, and have frequently been used by paleontologists as biostratigraphical markers and in paleoceanographical reconstructions. For biologists, they show tremendous interest since many living dinoflagellates produce toxins that can accumulate in shellfish and other organisms. In this presentation I will show several examples why these dinoflagellates are increasingly studied by biologists and geologists.

For more details of the full seminar series please go to the SACCOM webpage at: <https://www.inqua.org/commissions/saccom/ifg>. Please see the Zoom link below.

ZOOM LINK:

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Overseen by Lewis Owen on behalf of SACCOM