



K O N I N K L I J K E N E D E R L A N D S E  
A K A D E M I E V A N W E T E N S C H A P P E N

## The End of the Mesozoic Era

*New highlights of the immediate effects of the Chicxulub asteroid impact*

Date: Thursday, November 14, 2019, 19.00 p.m. – 21.00 p.m.

Venue: KNAW, The Trippenhuis, Kloveniersburgwal 29, 1011 JV Amsterdam ([route description](#))

### Programme

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|-------|---|
| 18.30 | Registration, coffee and tea  |
| 19.00 | Jan Smit, emeritus professor of Geology and Geochemistry, VU Amsterdam <ul style="list-style-type: none"><li>• <i>Welcome and introduction</i></li><li>• <i>Introduction to Tanis, the Pompeii of the dinosaur extinction</i></li></ul> |
| 19.20 | Jo Morgan, Professor of Geophysics, Imperial College London - <i>How did ejecta from Chicxulub circulate the Earth to form the global K-Pg boundary clay layer</i>  |
| 19.45 | Philippe Claeys, Professor of Geology, Analytical, Environmental and Geo-Chemistry (AMGC), Free University of Brussels - <i>Chicxulub: Anatomy of a lethal crater</i>   |
| 20.10 | Melanie During, Vertebrate paleontology, Research Assistant in 3D modelling of synchrotron scanned fossils, Uppsala University, Sweden - <i>Osteohistological records of End-Cretaceous seasonality</i>                                 |
| 20.30 | Pim Kaskes, PhD Researcher - Chicxulub K-Pg Impact Project<br>Free University of Brussels - <i>Caught in amber: chemical composition and microtextures of uniquely preserved Chicxulub impact ejecta from Tanis (North Dakota, USA)</i> |
| 20.50 | Discussion  |
| 21.00 | Drinks  |