



## MID CONGRESS EXCURSION

### E3 FOSSIL IMAGERY AT A GLANCE: VISITING THE SOLEIL SYNCHROTRON AND THE AST-RX CT SCAN (MNHN)

This excursion is aimed at a large audience who wish to get an overview of fossil imagery techniques, especially tomography and surface scans. The visit includes half a day at the SOLEIL synchrotron for a general visit presenting operations and applications of the synchrotron, followed by a visit of the 3D imagery facilities at the MNHN. This will consist of a presentation of the CT scanning equipment and a demonstration of tomographic acquisition and data processing. Different tools and post-processing applications on fossils will be shown.

The excursion will be completed by a visit to the morphometric platform of the MNHN for a presentation and demonstration of surface scanners.

*3D imagery tools, tomography, synchrotron, CT Scan, surface scan*

#### SCHEDULE 11 JULY 2018:

##### 1 DAY

##### Departure from Paris

#### ORGANIZERS:

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**POINT OF DEPARTURE:** Paris (75)

**POINT OF ARRIVAL:** Paris (75)

#### PARTICIPANT FEES:

**Cost:** 40 euros transport and lunch included

**NUMBER OF PARTICIPANTS MIN/MAX:** 15/30

#### REQUIREMENTS:

Easy (caution: people with pace-maker can not enter inside the synchrotron)

**TRANSPORTATION:** Bus