



MID CONGRESS EXCURSION

E4 SYNCHROTRON IMAGING: ONE DAY VISIT AT THE IPANEMA PLATFORM AND SOLEIL SYNCHROTRON, PARIS-SACLAY

IPANEMA is a centre for the development of advanced methodologies of material characterization in palaeontology, archaeology, palaeoenvironments, and cultural heritage, and the support of synchrotron research through external users hosted on the platform. The morning will be dedicated to visits of IPANEMA and the SOLEIL synchrotron, which will present some of their activities related to palaeontology. Both institutes are jointly setting up a new hard X-ray (4–60 keV) synchrotron beamline optimized for X-ray spectro-microscopy (2D mapping and spot analysis at a micrometric resolution) and hard X-ray micro-tomography (3D imaging) of ancient materials. This beamline will be presented in the afternoon where participants will have the opportunity to take part in the live collection of X-ray fluorescence maps on fossils.

Synchrotron, tomography, novel imaging approaches, X-ray, UV

SCHEDULE 11 JULY 2018:

1 DAY

Departure from Paris

ORGANIZERS:

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PARTICIPANT FEES:

Cost: 40 euros transport and lunch included

NUMBER OF PARTICIPANTS MIN/MAX:

8/15 (priority will be given to delegates attending the "3D imaging of fossils" symposium)

REQUIREMENTS:

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

TRANSPORTATION: Bus