

~ Program ~

8:30–9:00	Welcome of the participants
9:00–9:15	Opening speech

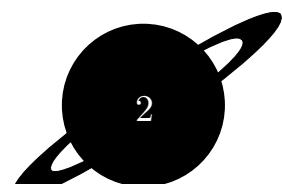
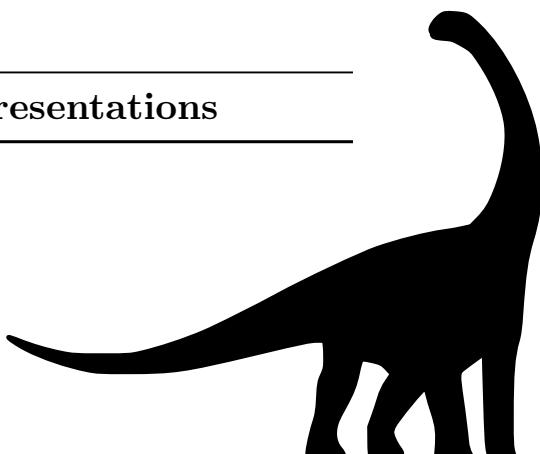
SESSION A: GEOCHEMISTRY AND GEOPHYSICS

9:15–9:30	Tracing dust sources in the Atlantic Southern Ocean during the last 160 ka <i>Ophélie Lodyga</i>
9:30–9:45	Lead isotope forensics <i>Nadège Fetter</i>
9:45–10:00	Assessment of changes in bone mineral balance using natural stable calcium and magnesium isotopes in human biofluids <i>Samuel Le Goff</i>
10:00–10:15	Thermo-Compositional Convection in Magma Oceans <i>Thibaut Clarté</i>

10:15–11:00 Coffee break & Poster session

SESSION B: ASTROPHYSICS

11:00–12:00	Influence of topology in relativistic cosmological simulations <i>Quentin Vigneron</i>
11:00–11:15	Le milieu circumgalactique des galaxies distantes observées avec MUSE <i>Adélaïde Claeysens</i>
11:15–11:30	Croissance de la poussière dans le code Phantom <i>Arnaud Vericel</i>
11:30–11:45	High contrast image processing for circumstellar environment reconstruction in polarimetry with the instrument ESO/VLT-SPHERE IRDIS <i>Laurence Denneulin</i>
11:45–12:00	
12:00–12:15	Junior lab' and association presentations



Program (continued)

12:15–13:45 **Meal**

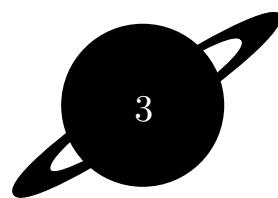
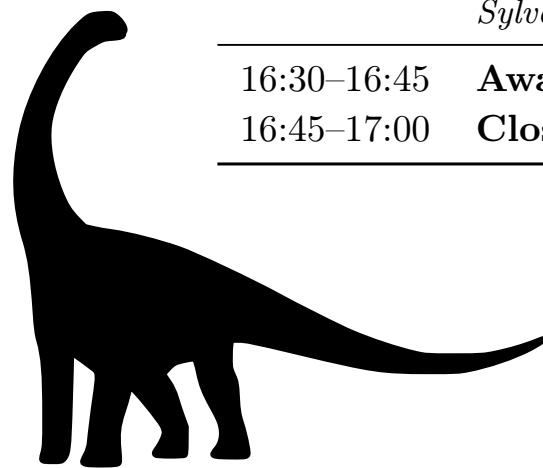
13:45–14:45 **SESSION C: PALEONTOLOGY
AND SEDIMENTOLOGY**

- 13:45–14:00 Reproductive strategies and calcium isotopes
Auguste Hassler
- 14:00–14:15 Calcareous nannofossil fluxes and calcium isotopes across
the Paleocene-Eocene Thermal Maximum
Alessandro Menini
- 14:15–14:30 Taphonomy: a key science in geology
Farid Saleh
- 14:30–14:45 Chronostratigraphic and tectonostratigraphic analysis of
the molasse Miocene foreland basin deposits of the sub-
alpine massifs and south Jura (western Alps, France). An
update.
Amir Kalifi
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14:45–15:30 **Coffee break & Poster session**

15:30–16:30 **SESSION D: FORMATION AND
EVOLUTION OF THE PLANETS**

- 15:30–15:45 Cavity Size in Circumbinary Discs
Kieran Hirsh
- 15:45–16:00 First principles molecular dynamics study of the supercri-
tical state of iron
Zhi Li
- 16:00–16:15 Thermal history of transneptunian objects
Robin Métayer
- 16:15–16:30 Martian erosion rates from crater statistics
Sylvain Breton
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- 16:30–16:45 **Award ceremony**
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- 16:45–17:00 **Closing speech**
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Posters

Optimization of Hydrogen production in ultrabasic reservoirs

Samuel Barbier

Structure of feldspar $(\text{Ca},\text{K},\text{Na})(\text{Al},\text{Si})_4\text{O}_8$ melts in the protolunar disk

Anaïs Kobsch

The Ganzi segment of the Xian Shui He Fault system (China): present-day behavior constrained by time serie analysis of Sentinel-1 InSAR data

Laëtitia Lemrabet

The influence of stretching enhanced diffusion on metal/silicate equilibration during core formation

Victor Lherm

Tracing dust sources in the Atlantic Southern Ocean during the last 160 ka

Ophélie Lodyga

A Bayesian Approach to Geodynamic Tomography

John Keith Magali

Thermal Properties of Recurring Slope Lineae (RSL) on Mars

Cédric Millot

Timescale of destabilization of a magma ocean cumulate with phase change boundary conditions

Adrien Morison

A probabilistic estimation of surface strain rates from GPS measurements

Colin Pagani

