

Pregramme des sessions

30–31 mars 2026



STEP'UP PhD Congress 2026 - Congrès des Doctorant·es CDD 2026

Poster

IPGP
1 rue Jussieu 75005 Paris

lun. 30 mars

12:15

Poster: session #1

Session poster | Site: IPGP, 1 rue Jussieu 75005 Paris

Beyond Expectations: Unusual Water and Salt Chemistry in the Okavango Delta (Botswana)

Gravitational Wave Bursts from Extreme Mass Ratio Inspirals

Search for Higgs Boson Pair Production in the bbyy Final State with the ATLAS Detector

Impact of extreme ultraviolet radiation on the scintillation of pure and xenon-doped liquid argon.

Foam-assisted (bio)remediation of petroleum-contaminated soil: effects of surfactant formulation on foam behaviour, interfacial properties, and bioavailability

Building a Catalog for Near-Source Ground Motion Analysis of Moderate Earthquakes using the February 2023 Türkiye Sequence

Mitigating the impact of solar radiation pressure mismodeling in GNSS station position time series

Source characteristics of Very low frequency earthquakes (VLFE) in the Southern Ryukyu subduction zone

Model Independent Measurement of ZH Production at FCC-ee

Deep-learning based large-scale automated observation of earthquake surface ruptures

Experimental studies and numerical modeling of PFAS concentration using foam fractionation, optimization for the recovery of short- and ultra-short-chain PFAS

Chlorine Incorporation in Iron Phosphate and Borate Glasses for Nuclear Waste Immobilization

High-precision Sb isotopes of carbonaceous chondrites : implications for origin of the MVEs depletion

Dynamics of magma reservoir before and after volcanic eruptions at Axial Volcano in the Eastern Pacific using time-lapse seismic imaging method

Understanding pre-eruptive conditions and magmatic processes that led to the 1530 cal. AD eruption at La Soufrière de Guadeloupe

Turbulent mixing of two-phase impactors during giant planetary collisions

Impact of filtering along different scanning directions on CMB galactic foregrounds

Speciation, bioaccumulation and biological feedback: towards a new predictive model for the toxicity of metals and their cocktails in aquatic ecosystems

VELI : Explosive Volcanoes Indonesian Laboratory - From Observation to Research
Biological Baselines of Magnesium Isotope composition in Mouse Organs and Fluids Across Ages
Impact of Escherichia coli on the Platinum speciation
Testing LISA with the Beam Simulator
Galaxy overdensity catalogues with Euclid and Spitzer at $z > 1.3$
Holographic baryons as quantum Hall droplets
Measuring the neutrino mass ordering with KM3NeT/ORCA and JUNO
Probing Small-scale Lunar Mantle Heterogeneities using High-frequency P-wave Scattering from Shallow Moonquakes
Tales of quadrupole modes: Modelling rotational near-degeneracy effect
Paleowind directions, paleosecular variation and relative paleointensity from the MIS 6 (L2) loess of Harletz, NW Bulgaria
Acoustic fluidization study in rock avalanches using DEM-type models
Evolution of photosynthetic carbon isotope fractionation in Lake Dziani Dzaha during a high CO₂ event: connecting modern and Precambrian conditions
Coupling Atmospheric Fractionation and Hydrodynamic Escape: Implications for Sub-Neptunes
Hyperspectral remote sensing of arid environments on Earth and on Mars
Temperature-Dependent Particle Formation During Biomass Combustion: A Combined spICP-TOFMS and Magnetic Susceptibility Study
Longitudinally hemispheric structures in the geodynamo : from their physical origin to their geomagnetic consequences
Copper binding to natural organic matter studied through UV-Vis absorbance
Fluvio-aeolian paleogeographic evolution of the Namib Desert throughout Cenozoic climate and geodynamic changes
Response of liquid argon to low-energy nuclear recoil in the DarkSide-20k experiment
Improving the Prediction of Interfacial Tension and Adsorption at Fluid-Fluid Interfaces for Mixtures of PFAS and/or Hydrocarbon Surfactants by Considering Synergistic Effect
Ambient Noise Cross-Correlations along Distributed Acoustic Sensing (DAS) for Imaging the Subsurface at Stromboli Volcano
The Photon Detection System of the DUNE Vertical Drift Detector

Disequilibrium chemistry in the atmosphere of exoplanets

Attributing gridded land use change carbon emissions to crop and grass production from 2000 to 2020

Exploratory analysis of salt deposits distribution in the Okavango Delta (Botswana) using satellite data.

Compositional analysis of Copahue volcanic ash based on visual methods and machine learning.

Stabilité des panaches volcaniques en effondrement partiel : modélisation de l'éruption du Fogo A (Açores)

Triggering of a slow-moving landslide by the 2023 Kahramanmaraş Earthquake Doublet, highlighted by satellite image correlation

Design and Multi-Scale Evaluation of Colloidal Gas Aphrons (CGA) for Subsurface Remediation

Potential tsunamis generated by the on-going Mayotte sismo-volcanic crisis: new scenarios, sensitivity tests, and numerical simulations of generated waves.

The GENESIS mission: a new space geodetic satellite to improve the International Terrestrial Reference Frame (ITRF).

Active learning with Bayesian neural networks for stellar population synthesis

What does microseismicity reveal a century after a major intraplate earthquake? Insights from a temporary seismic experiment in Mongolia.

Applying likelihood-based spectral ratios to assess robustness and limitations of earthquake source parameter estimation

“YOLO-CL : Deep Machine Learning for Galaxy Cluster detection with LSST”

In situ investigation of nanoparticles heteroaggregation processes in surface waters

14:00

16:00

17:00

Poster: session #2

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mar. 31 mars

12:20

14:00

Poster: Session #3

Session poster | Site: IPGP, 1 rue Jussieu 75005 Paris