

STEP'UP PhD Congress 2024

mercredi 27 mars 2024

Talks: PhD students session: Data analysis - Amphitheatre (09:30 - 10:45)

time	[id] title	presenter
09:45	[65] The trinitites formation revealed by silicon and oxygen triple isotopes analyses.	ASSET, Nathan
10:00	[47] Temporal Modulation of Nepalese Seismicity : Seismicity rate and b-value	COLLEDGE, Martin
10:15	[19] Extracting nonlinear characteristics using surface and borehole arrays: Application in the Iwate Prefecture	SCHIBUOLA, Alessandra

Talks: PhD students session: Data analysis - Amphitheatre (11:15 - 12:15)

time	[id] title	presenter
11:15	[59] Relativistic jets from stellar mass accreting black holes	GROLLIMUND, Noa
11:30	[35] Subtraction of Merging Massive Black Hole Binary Signals in Laser Interferometer Space Antenna Data	DENG, Senwen
11:45	[13] Constructing a New Catalogue of Greenland's Iceberg Calving Events through Seismic Data Analysis and Machine Learning	WETTER, Selina
12:00	[15] Correlation between Gamma-ray sources and neutrinos using Deep Learning	OUKACHA, Enzo

Talks: PhD students session: Experimental - Amphitheatre (16:00 - 17:00)

time	[id] title	presenter
16:00	[66] The formation of nanophases during weathering of basaltic hillslopes.	GELIN, Marine
16:15	[29] The Cadmium isotope composition of Earth mantle and its origin	DEVOS, gabriel
16:30	[44] Quantifying the impacts of an exogenous dust input to the soil and stream chemistry of an upland Mediterranean watershed using a reactive transport modeling framework	ARANDA REINA, Celia

Talks: PhD students session: Experimental - Amphitheatre (17:30 - 18:00)

time	[id] title	presenter
17:30	[12] S-Se-Te sequestration into Earth's core suggests a volatile-poor late veneer composition	CALVO, Lucas
17:45	[39] Calibration and tests of multichannel photodetection modules for the JEM-EUSO stratospheric and orbital missions	TROFIMOV, Daniil

jeudi 28 mars 2024

Talks: PhD students session: Simulations - Amphitheatre (09:30 - 10:45)

time	[id] title	presenter
09:45	[22] Dynamics and controls of a tropical slow moving landslide measured by remote sensing: the study case of Grand Éboulis, Réunion Island.	HOPQUIN, Coline
10:00	[21] Development of an ultra-fast, likelihood-based, distance inference, for the next generation of type-Ia supernova surveys	KUHN, Dylan
10:15	[58] Isostasy Revisited: A Novel Approach to an Age-Old Theory	KAMALI LIMA, Shayan

Talks: PhD students session: Simulations - Amphitheatre (11:15 - 12:15)

time	[id] title	presenter
11:15	[56] A lightweight algorithm to model Radiation Damage Effects in Monte Carlo Events for High-Luminosity LHC experiments	NAKKALIL, Keerthi
11:30	[20] Modelling the consequences of the Siberian traps	PIERRON, Antonin
11:45	[14] High fidelity modelling of iceberg capsizes	DE PINHO DIAS, Nicolas
12:00	[50] Modeling the neutral gas heating in low metallicity galaxies	VARESE, Maxime

Talks: PhD students session: Experimental - Amphitheatre (16:00 - 17:00)

time	[id] title	presenter
16:00	[61] Stable silicon isotope fractionation reflects the routing of water through a mesoscale hillslope	GUERTIN, Andrew
16:15	[23] From molten to frozen : Multivalent element behavior during the cooling of silicate melts	M. DONATINI, Adrien
16:30	[36] Detection and tracing of atmospheric nanoparticles thanks to passive biosensors	COURAL, Sophie

Talks: PhD students session: Experimental - Amphitheatre (17:30 - 18:00)

time	[id] title	presenter
17:30	[37] Combining synchrotron and acoustic emission techniques to reveal the secrets of high PT faulting	MINGARDI, Giulia
17:45	[34] Dark Matter Detection in Liquid Argon with DarkSide-20k	HESSEL, Timothée

vendredi 29 mars 2024

Talks: PhD students session: Theory - Amphitheatre (09:30 - 10:30)

time	[id] title	presenter
09:30	[54] Dynamic capillary pressure impact on the description of LNAPL distribution under water table fluctuation	AMANGALIYEVA, Lazzat
09:45	[60] Temporal organization of large earthquakes along the Altyn Tagh Fault, China	PINZON MATAPI, Nicolas
10:00	[5] Gravitational Wave Science with the European Pulsar Timing Array	QUELQUEJAY, Hippolyte
10:15	[63] Unravelling Chemical Weathering in the European Alps: Insights from Li and Sr	PRAHARAJ, Akanksha

Talks: PhD students session: Experimental - Amphitheatre (10:45 - 12:00)

time	[id] title	presenter
10:45	[49] Composition of the First Solid Cumulates in a Deep Pyrolytic Magma Ocean	Mme GENDRE, H�eloise
11:00	[68] Pr�ecurseur oxydable total (TOP) Assay appliqu�es aux per et polyfluoroalkyles (PFAS) dans des matrices complexes l'environnement.	IDJATON, Babatounde Ifedola
11:15	[18] PFOA Defluorination Using DMSO/NaOH Mixture	TUR, Raphael
11:30	[33] How 3D microscopy can help understand oxygen-related redox in microbial biofilms	ROLLOT, Valentine

Talks: PhD students session: Data analysis - Amphitheatre (13:15 - 14:30)

time	[id] title	presenter
13:15	[25] Leveraging geophysical time series forecasting for monitoring volcanic systems: can we use machine learning?	NOUGARET, Matthieu
13:30	[26] Map-making of the polarized Cosmic Microwave Background with next-generation ground-based observatories, Simons Observatory and CMB-S4	BIQUARD, Simon
13:45	[52] Measuring neutrino oscillations in the deep sea	PE�NA MARTINEZ, Santiago