

Earth and Space Sciences PhD Seminar I, II & III

Workshop 2021
16th of June



Session 1 – Moderator Md Ashiqur Rahman

9h00-9h15

OPENING

9h15-9h30

Miguel, Irina, Costa, M.J., Chambel, A. Vegetation indices monitoring for water resources management: Preliminary results **(P1,S1)**

9h30-9h45

Tsoupra, Anna Tracing raw materials and technological choices for pottery manufacture: an archaeometric approach **(P2,S1)**

9h45-10h00

Tchikuala, Emílio, Anthropogenic Pressures and Physicochemical Characterization in the waters of the Catumbela Benguela river – Angola **(P3,S1)**

10h00-10h15

Silvério, Gonçalo, Bibliography and Index of Portuguese conodonts (1963-2020) **(P4,S1)**

10h15-10h30

Morais, Igor, Geochemical and geophysical surveys applicate in the VHMS exploration in the Portuguese sector of Iberian Pyrite Belt **(P5,S1)**

10h30-11h

COFFEE BREAK

Session 2 - Moderator Anna Tsoupra

11h00-11h15

Roseiro, José, Did ore-forming systems developed during alkaline magmatism in SW Iberia? **(P6,S1)**

11h15-11h30

Silva, Marcelo, Nogueira, P., Photogrammetry and multispectral imagery acquisition and processing for scene classification - A preliminary case-study of Mociços mine **(P7,S1)**

11h30-11h45

Simões, Maria, Ribeiro, C., Roque, C., Morphogenetic Processes on the Continental Slope of the Galicia Bank (West Iberia Margin) **(P8,S1)**

11h45-12h00

Marques, Mariana, Antunes, C., Costa, M.J., Palma, P., The influence of climate change on air quality in agricultural areas **(P9,S1)**

12h00-12h15

MacRoberts, Rebecca A., Maurer, A., Unconventional Isotope Systems in Earth Sciences and Cultural Heritage Studies: A Review **(P10,S1)**

12h15-12h30

Hamak, Ines, Fontiela, J., Volcanic Seismology **(P1,S2)**

12h30-13h30

LUNCH

Session 3 – Moderator José Roseiro

13h30-13h45

Faisal, Fahad, An Overview of Machine Learning Techniques in Seismology (P2,S2)

13h45-14h00

Miguel, Irina, Caldeira, B., Application of geophysics to assess subsurface contaminations: preliminary results (P3,S2)

14h00-14h15

Sikta, Jebun N., Fontiela, J., Study on receiver functions analysis and its development (P4,S2)

14h15-14h30

Rahman, Md Ashiqur, Caldeira, B., Borges, J., Oliveira, R., Ground Penetrating Radar to reveal subterranean built heritage structure: The case study of the national palace of Queluz botanical garden, Portugal (P5,S2)

14h30-14h45

Ding, Yufan, A review of the Earthquake Early Warning Strategies (P6,S2)

14h45-15h00

Carla, Barrulas, P., Mirao, J., Applied geology in long term performance assessment of ornamental stones. A multianalytical approach dedicated to Portuguese industry (P1,S3)

15h00-15h15

COFFEE BREAK

Session 4 – Moderator Gonçalo Silvério

15h15-15h30

Hamak, Ines, Mantle Plumes (P2,S3)

15h30-15h45

Faisal, Fahad, An Overview on The Contribution of Geological Storage for The Hydrogen Strategy in Europe (P3,S3)

15h45-16h00

Miguel, Irina, Carneiro, J., Chambel, A., Geological processes and lithostratigraphic and structural units in the Cubango Basin, SE Angola: contribution to build a hydrogeological conceptual model (P4,S3)

16h00-16h15

Sikta, Jebun N., Fonseca, R., Albuquerque, T., Characterization of the trace elements of soil and sediment in the reservoirs of Dominican Republic (P5,S3)

16h15-16h30

Rahman, Md Ashiqur, Lopes, L., New wavelength-dependent femtosecond pulsed LASER cleaning: A case study with stones of different provenance locality, Portugal (P6,S3)

16h30-16h45

Ding, Yufan, Provenance study of the limestone used in the construction and restoration of the Batalha Monastery (Portugal) (P7,S3)

16h45

CLOSING