

Lecturer's CVs

Name: Ana Paula Piedade

Academic Background: BSc Biochemistry, MSc Cellular Biology and Ph.D. Mechanical Engineering

Field of Specialization: Biotic/abiotic interface, biopolymers, additive manufacturing

Employer: University of Coimbra

Previous Positions: Associate professor with Habilitation at University of Coimbra

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CV: [link to CV](#)

Name: Ricardo Branco

Academic Background: PhD in Mechanical Engineering

Field of Specialization: Assistant Professor

Employer: University of Coimbra

Previous Positions: Professor at Polytechnic Institute of Coimbra

Contacts:

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List of recent/ Relevant Publications:

A.S. Cruces, R. Branco, L.P. Borrego, P. Lopez-Crespo. Energy-based critical plane fatigue methods applied to additively manufactured 18Ni300 steel, International Journal of Fatigue 170, 2023, 107548.

T. Tankova, D. Andrade, R. Branco, C. Zhu, D. Rodrigues, L.S. Silva. Characterization of robotized CMT-WAAM carbon steel, Journal of Constructional Steel Research 199, 2022, 107624. <https://doi.org/10.1016/j.jcsr.2022.107624>

R. Branco, J.D. Costa, J.A. Martins Ferreira, C. Capela, F.V. Antunes, W. Macek. Multiaxial fatigue behaviour of maraging steel produced by selective laser melting, Materials & Design 201, 2021, 109469. <https://doi.org/10.1016/j.matdes.2021.109469>

R. Branco, P.A. Prates, J.D. Costa, J.A. Martins Ferreira, C. Capela, F. Berto. Notch fatigue analysis and crack initiation life estimation of maraging steel fabricated by laser beam powder bed fusion under multiaxial loading, International Journal of Fatigue 153, 2021, 106468. <https://doi.org/10.1016/j.ijfatigue.2021.106468>

R. Branco, J.D. Costa, F. Berto, S.M.J. Razavi, J.A.M. Ferreira, C. Capela, L. Santos, F.V. Antunes. Low-Cycle Fatigue behaviour of AISI 18Ni300 maraging steel produced by selective laser melting. Metals 8, 2018, 32. <https://doi.org/10.3390/met8010032>

CV: [link to CV](#)

Name: Carlos Leitão

Academic Background: Ph.D. in Mechanical Engineering

Field of Specialization: CAD and technical drawing

Employer: University of Coimbra

Previous Positions: Assistant Professor at Lisbon Engineering School

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Name: Paula Vasconcelos Morais

Academic Background: PhD in Microbiology

Field of Specialization: Professor of Microbiology

Employer: University of Coimbra

Previous Positions: Assistant professor with Habilitation

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List of recent/ Relevant Publications:

Kristóf Korponai; Sára Szuróczi; Zsuzsanna Márton; Attila Szabó; Paula V. Morais; Diogo Neves Proença; Erika Tóth; Emil Boros; Károly Márialigeti; Tamás Felföldi*. 2023. Habitat distribution of the *Belliella* genus in continental waters and the description of *Belliella alkalica* sp. nov., *Belliella calami* sp. nov. and *Belliella filtrata* sp. nov. (accepted International Journal of Systematic and Evolutionary Microbiology IJSEM-D-22-00783R1.)

Diogo Vicente, Paula V Morais 2022. The Role of Bacterial Polyhydroalkanoate (PHA) in a Sustainable Future: A Review on the Biological Diversity. International Journal of Environmental Research and Public Health 02/2023; 20(4):2959.

Beatriz Rito, Diogo Almeida, Carina Coimbra, Diogo Vicente, Harald Weigand and Paula V Morais*. 2022. Post-measurement compressed calibration for ICP-MS-based metal quantification in mine residues bioleaching Sci Rep 12, 16007 (2022).

<https://doi.org/10.1038/s41598-022-19620-8>

Chung, Ana Paula, Romeu Francisco, Paula V. Morais, Rita Branco. 2022. Genome mining to unravel potential metabolic pathways linked to gallium bioleaching ability of bacterial mine isolates Frontiers in Microbiology, 2022, 13, 970147; 10.3389/fmicb.2022.970147

Pedro Farias, Romeu Francisco, Paula V. Morais*. 2022. Potential of tellurite resistance in heterotrophic bacteria from mining environments. iScience, Vol. 25, Issue 7, Published online: June 9, 2022. Doi: 10.1016/j.isci.2022.104566

CV: [Link to CV](#)

Name: Ana Paula Chung

Academic Background: Ph.D. Biochemistry, specialization Microbiology

Field of Specialization: Production of biopolymers from bacteria

Employer: University of Coimbra

Previous Positions: Pos Doc Researcher at University of Coimbra

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Name: Marisa Azevedo De Almeida Fernandes

Academic Background: PhD in Environmental Sciences and Engineering

Field of Specialization: ?

Employer: Centro Tecnológico da Cerâmica e do Vidro (CTCV)

Previous Positions: Responsible for the Environmental Monitoring Laboratory (LMA), which is accredited by the Portuguese Accreditation Institute according to the NP EN ISO/IEC 17025 standard at CTCV.

Contacts:

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Name: Hélio Rui Caldeira da Silva Jorge

Academic Background: PhD in Polymer Science and Engineering

Field of Specialization: Specialist technician in new materials and applications; in preparation and characterization of granular materials for precision forming.

Employer: Centro Tecnológico da Cerâmica e do Vidro (CTCV)

Previous Positions: I&D technical coordinator of the Innovation and Development Unit at CTCV.

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