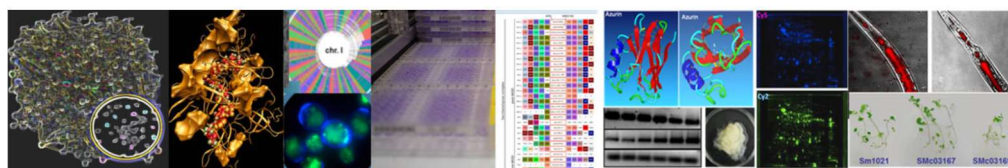


# FINAL JOINT WORKSHOP of BIOTECnico & AEM PhD PROGRAMS



[DP\_AEM]  
DOCTORAL PROGRAM IN  
APPLIED AND ENVIRONMENTAL  
MICROBIOLOGY



**Instituto Superior Técnico, February 15-16, 2023**

**Zoom meeting ID 934 4422 6972 Passcode 241597**

<https://videoconf-colibri.zoom.us/j/93444226972?pwd=VEMzTXVZeTM1QmwyWXNENXdWY1pZZz09>

## Wednesday 15 February 2023

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**14:00 – Welcome Session by the BIOTECnico and AEM PhD program Directors, Prof. Isabel Sá-Correia and Prof. Margarida Casal**

**14:10 – 15:40:** six short, selected presentations from AEM students and alumni (up to 15 minutes each, including discussions)

*AEM PhD students*

**14:10** – Paolo Vaglini, “*Priming the plant holobiont: structural and functional engineering of the wheat microbiota by Herbaspirillum seropedicae*”. cE3c - Center for Ecology, Evolution and Environmental Changes & CHANGE - Global Change and Sustainability Institute, Faculty of Sciences, ULisboa

**14:25** – João Moreira, “*Genetic Engineering of Acetobacterium wieringae to expand one-carbon valorization pathways*”. Centre of Biological Engineering, University of Minho, Portugal.

**14:40** - Manuel Condinho Carvalho, “*The impact of PNPase in biofilm formation and acidic stress response of Escherichia coli*”. ITQB NOVA - Instituto de Tecnologia Química e Biológica António Xavier, Universidade NOVA de Lisboa.

**14:55** - Romeu Viana, “*In silico cross-species approach for the discovery of new antifungal drug targets and new antifungal drugs*”. IBB—Institute for Bioengineering and Biosciences; Associate Laboratory, i4HB—Institute for Health and Bioeconomy at Instituto Superior Técnico, ULisboa.

*AEM alumni*

**15:10** – Rosana Alves, “*My path to the PhD and beyond*”, Junior Researcher at Centre of Molecular and Environmental Biology (CBMA), School of Sciences, University of Minho, Portugal.

**15:25** - Rui Silva (Alumni), “*Innovation Consultant at Innovayt*”, Innovayt.

**15:25-15:45 - Break**

**15:45 – 17:00** - Meeting of the External Supervisory Committee with AEM PhD students and alumni, and the AEM directive board

## Thursday 16 February 2023

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**9:00 – 10:45:** six short, selected presentations from BIOTECnico PhD students and alumni (up to 15 min each, including discussion)

### *BIOTECnico PhD students*

**9:10** – Ana Rita Santos, "*Biomanufacturing of DNA-origami nanostructures for bio-imaging*". IBB—Institute for Bioengineering and Biosciences; Associate Laboratory, i4HB—Institute for Health and Bioeconomy at Instituto Superior Técnico, ULisboa.

**9:25** - Diogo Faria, "*Downstream Bioprocessing: traditional vs innovative*". IBB—Institute for Bioengineering and Biosciences; Associate Laboratory, i4HB—Institute for Health and Bioeconomy at Instituto Superior Técnico, ULisboa.

**9:45** – Miguel Antunes, "*Mechanisms of Yeast Adaptation and Tolerance to Acetic Acid Stress: physiological genomic approaches and genotype-phenotype associations*". IBB—Institute for Bioengineering and Biosciences; Associate Laboratory, i4HB—Institute for Health and Bioeconomy at Instituto Superior Técnico. Instituto Superior Técnico, ULisboa.

### *BIOTECnico alumni*

**10:00** – André Nascimento, "*And after the PhD, do you prefer academia or industry? I say both*". Hovione (June 2020 – April 2021) and iBET (since May 2021)

**10:15** - Mafalda Cavalheiro, "*From BIOTECnico to BioSCALE*". A4F-Algafuel, S.A.

**10:30** - Andreia Pimenta, "*Host-pathogen interaction from the lung to the gut: a post-doc experience*". Bacterial Energy Metabolism Lab - ITQB NOVA - Instituto de Tecnologia Química e Biológica António Xavier, Universidade NOVA de Lisboa.

### **10:45-11:00 Break**

**11:00 – 12:30** Meeting of the External Supervisory Committee with BIOTECnico PhD students and alumni, and the BIOTECnico directive board