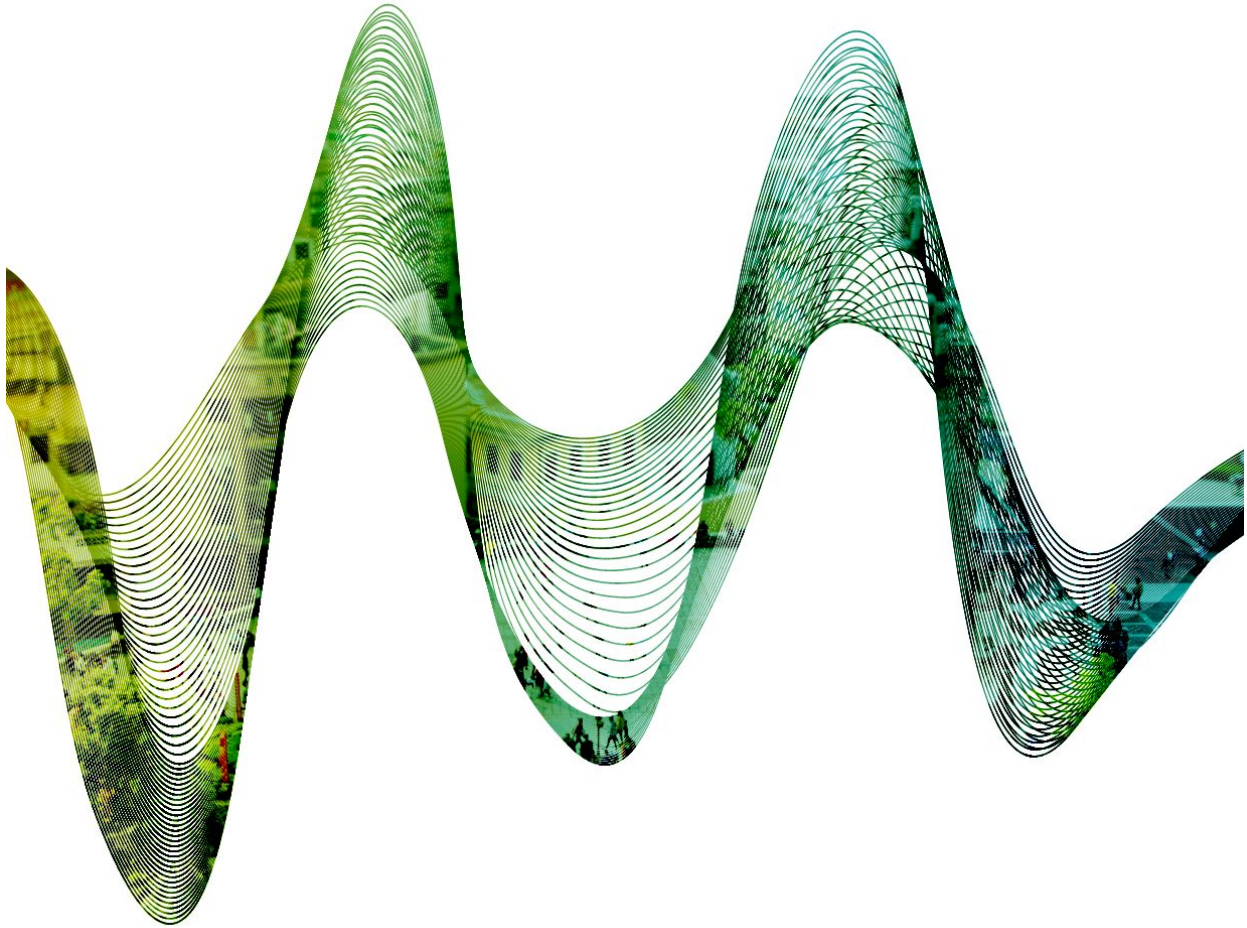


PhD scholarship
Soundscape-driven approaches for sound ecology



Applications are invited for a PhD scholarship position to work under a project funded by the Macao Science and Technology Development Fund (FDCT) entitled “AI-based Multi-modal qualitative Mapping of Macau Soundscape”. The project is a collaboration between the Faculty of Arts and Humanities of the University of Saint Joseph (Macao) and worldwide sound experts from the Catholic University of Portugal (Portugal). The candidate is expected to devote full-time to research under the context of this project.

The candidate will work under the joint supervision of Professor Gérald Estadieu (USJ, Macao) and Professor Pedro Pestana (Portugal). The Doctoral degree will be granted by the University of Saint Joseph.

Qualifications required: We are looking for a candidate with a Master degree in sound engineering or related areas. Previous experience with signal processing and AI models preferred.

Duties: Develop strategies to augment hard noise data with soft and soundscape-driven approaches that may inform policies for sound ecology. Perform system design, data collection and data analysis related to the proposed soundscape of Macau city as well as the complementary soundwalks. Report results in conferences and independently write and submit scientific publications. Participate in other faculty activities such as science promotion events and internal meetings.

Conditions: The project has initial funding for a PhD scholarship for 36 months, covering a monthly allowance. Funding also covers travelling costs for participation in scientific meetings.

How to apply: Candidates should contact Professor Gérald Estadieu (gestadieu@usj.edu.mo). Candidates can also use this email for any queries regarding the position. The position will remain open until filled.