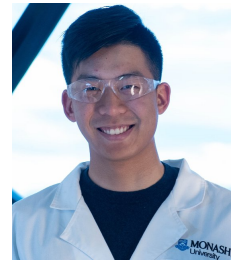


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Research

The project is to explore the possibility of creating an artificial soil environment with chemical heterogeneity on a microfluidic platform. The goal is to determine how the spatial distribution and patch size of organic matter influences the speed and magnitude of its degradation and replenishment in microfluidic devices. I am also interested in applying deep learning to help with microbe recognition and segmentation.

Qualifications

Mechanical engineering, Doctor of philosophy, Microfluidic platforms for analyzing the development of miscibility , Monash University

Award Date: 2021 Feb 10