

A philosopher's journey into MELiSSA

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MELiSSA Conference

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Introduction

- PhD Candidate in Philosophy (Université Paris 8, Saint-Denis) and Anthropology (McGill University, Montréal)
- Dissertation title: « *Capsular existence: a philosophical ethnography of human spaceflight* »
- *Consequences, implications and visions of the future that some spaceflight technologies and discourses are conveying*

Introduction

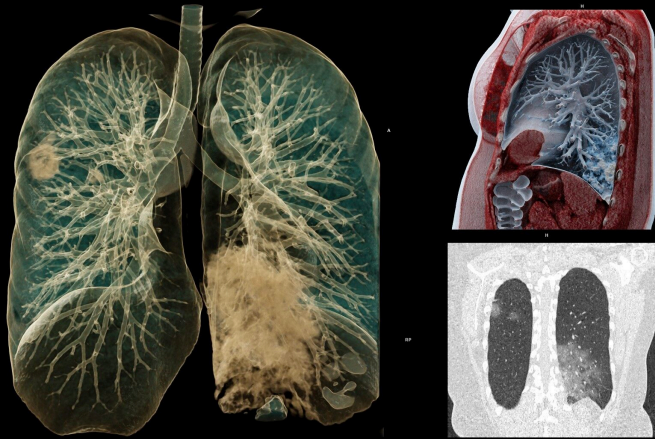
- impacts of MELiSSA and other bio-regenerative systems on technological imaginaries and narrative of the future in space and on Earth.
- Relationships between MELiSSA and broader society/ communities
- Inquiry into the role MELiSSA might have in public education and debates
- More questions than answers [social sciences & humanities habitus]

Breathing

- Photosynthesis
- Inspiration



Breathing



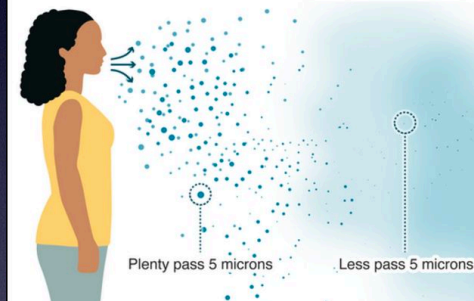
Di difference between something wey drop and we tin breeze dey carry

Droplet transmission

When small drops of saliva or mucus from cough or sneeze enta anoda pesin eyes, nose or mouth

Airborne transmission

Small-small particles wey dey inside air, fit travel far and fit enter anoda pesin nose



Source: WHO 



The Anthropocene



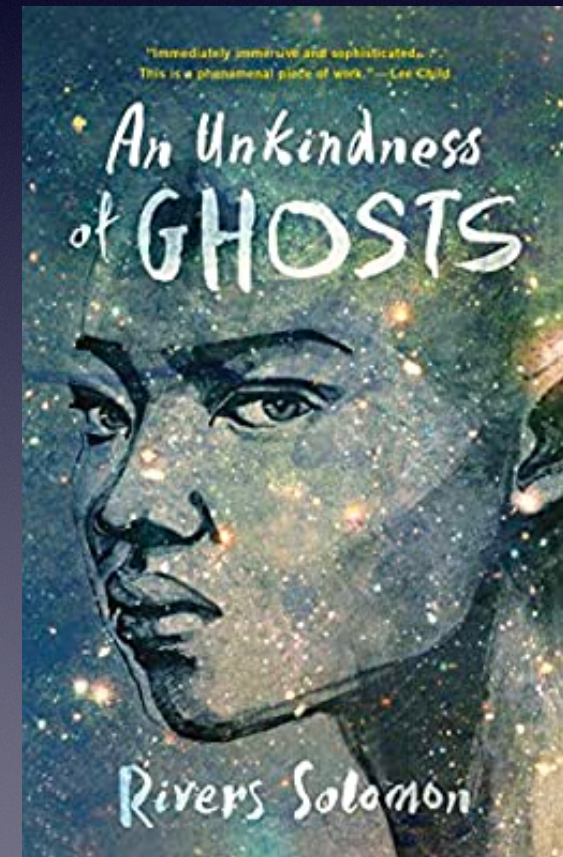
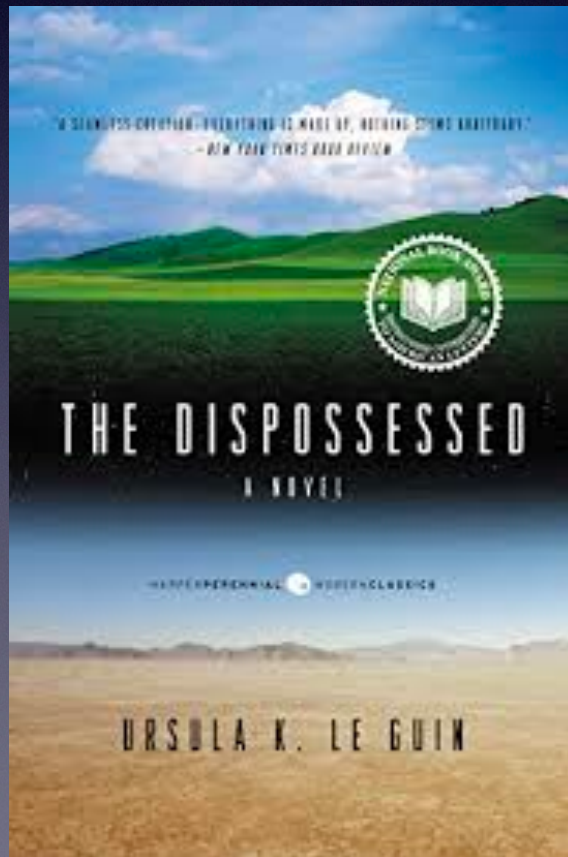
- natural phenomena intertwined with human activities
- nature is not politically neutral
- we find ourselves in the need of increasing the dialogue between social sciences and natural sciences

The Anthropocene

- Capitalocene,
- Technocene,
- Black Anthropocenes
- Planthroposcene
- ...



Imaginaries of space settlements: utopia or dystopia ?



MELiSSA and perspectives on life, ecology, and community

- a microbiologist acknowledging the humbleness of our knowledge of bacterial activity (especially in C1) and mentioning the « respect » to biology that she feels when working on those systems.
- A young Pomp researcher conditioning travel to Mars to a certain attitude that wouldn't think of Humans as intrinsically superior to other living beings.
- Another microbiologist expanding his research on extremophiles to the Danakil depression and pointing to strength and inherent frailties of microbial life.
- A technician who is paradoxically happy to see microbes disrupt the mechanics and predictability of MELiSSA's systems.
- ...

MELiSSA and perspectives on life, ecology, and community

- not only a vision of a possible better futures through technologies more respectful of natural balances and communities, but also a different vision of what makes our world perhaps more breathable.
- conspire together into making technologies more aware of the difficulties and politics of breathing.

Thank you to MELiSSA Conference
participants and organizers

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