

# Foraminerals Symposium program

**11 December 2019, De Ruimte, Distelweg 83 Amsterdam**

Please reserve your seat at <https://forms.gle/QKaraEFZ2GFmMcAX7> if you would like to attend the evening.

**20:00** - Bar open, time to meet each other and the minerals

The evening will be moderated by Reef and Sponge scientists **Dr. Alice Webb**

Performance artist **Ibelisse Guardia Ferragutti** will open the evening with a shamanistic ritual to invite the spirit of the mineral

## **Part I 20:30-21:30**

**Dr. Helen King** | Utrecht University

*Biological architects: building with minerals*

A 3D perspective on the mineral-based structures that biology makes as a consequence of its actions and on purpose, comparing minerals formed by microbial systems and us.

**Sema Bekirovic** | Artist

*Reading by osmosis*

The culture/nature dichotomy isn't as self evident as has long been held. If culture and nature can no longer be seen as opposites, what's to keep us from stretching things a little bit further, and proclaim nature to be capable of art, of authorship?

**Esme Geerken** | Netherlands institute for Sea research (NIOZ)

*Future fossils*

Looking at the evolution of architecture from a unicellular perspective, while taking rather big jumps through geological time.

**Dr. Willem Noorduin** | Self organising matter group AMOLF

*Shaping up matter*

Inspired by natural processes, Willem's group explores how minerals can be sculpted into microscopic architectures.

## **Break**

During the break, images of *Cogwheels* by Dr. Inge van Dijk (Alfred Wegner institute for Polar and Sea research) are displayed.

## **Part II 21:45 - 22:45**

**Dr. Takashi Toyofuku** | Japanese Agency for Marine Science and Technology

*Tiny life*

Takashi will show the beauty of tiny shapes created by the various organisms from his biomineralisation lab.

**Dr. Lennart de Nooijer** | NIOZ

*Blueprints*

Blueprints are representations of the essence of physical things and are, for Lennart, the best symbol of what science is all about.

**Prof. dr. Gert-Jan Reichart** | Utrecht University

*Paleoceanography*

Gert-Jan will elaborate on what biominerals tell us about the climate of the past, and how this can be used to better understand future climate change

**Jasper Coppes** | Artist and filmmaker

*Wisdom of the Ice*

As an alternative to the typical images we see of the melting Greenland ice-sheet, Jasper will talk about his current film project, which emphasises on the perspectives of Greenlandic inhabitants from the biological and mineral world.

*After the talks the bar will be open till around midnight to meet up and discuss*