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وزارة التعليم العالي و البحث العلمي

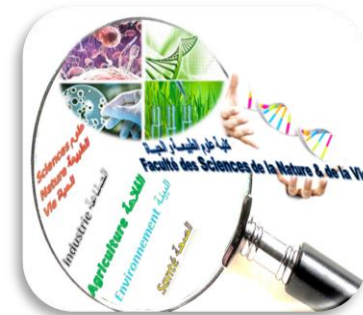
Ministère de l'Enseignement Supérieur et de la Recherche Scientifique

Université Frères Mentouri - Constantine 1

FACULTE DES SCIENCES DE LA NATURE ET DE LA VIE

Département de Biologie Appliquée

Laboratoire de Mycologie, de Biotechnologie et de l'Activité Microbienne



Conférence

Présentée par :



Natuschka LEE

Professeur à l'Umeå University (Sweden)

Laboratory of Microbial Geocology and Astrobiology

Natuschka Lee did her PhD in environmental biotechnology in 1996 at Lund University in Sweden. After this, she did her postdoc at the department of environmental biotechnology at the University of Aalborg in Denmark, and at the department of microbiology at the University of Technology in Munich, Germany. She stayed in at TUM till 2015, where she lead a research group on microbial systems ecology. In 2015 she went back to Sweden, to the University of Umeå, where she started a research group in microbial geocology and astrobiology. She has a broad research interest within the environmental microbiology, from biological wastewater treatment, plant microbiology, insect microbiology to geomicrobiology, extremophilic microbiology and astrobiology

Titre: "Astrobiology - from science fiction towards

multidisciplinary science helping to shape and improve our future"

Abstract

Since the days of the early science fiction novels by Jules Verne, travels to space have now become an obvious reality. What is more astonishing is how life sciences have obtained a crucial role in today's space exploration. In the early days of the modern space age, it was assumed that the universe was detrimental to all life forms on Earth. However, with the discovery of extremophilic life forms on Earth and the various biological experiments on the international space station (ISS), our understanding of the limits (or rather potential) of life and the concepts of "death" have expanded significantly. Today, there are extensive plans for human missions and colonization in space – but how far can we go – what are the ethical concerns around this?

Le Public est cordialement invité

Date et lieu

Le Dimanche 18 Décembre 2022

à 14h:00 mn

Salle de Conférences

Faculté des Sciences de la Nature et de la Vie