

→ **CONFERENCES**

# Implanteus Lectures

The Implanteus graduate school of Avignon University proposes a cycle of scientific conferences.

This graduate school is supported by the ANR (*EUR ANR-18-EURE-0009*) with the collaboration researchers from Avignon University, INRAE, as well as Implanteus international partners.

---

First launch event  
January 20<sup>th</sup> 2021

---

from January to May  
One wednesday a month



HANNAH ARENDT CAMPUS  
JEAN-HENRI FABRE CAMPUS

# Implanteus Lectures



**January 20<sup>th</sup>**

 Jean-Henri Fabre campus - CERI - Lecture hall Blaise

## ***Using medical imaging methods in environmental sciences***

 9:30 am~11:30 pm

**Perrine Chaurand** (CEREGE, Aix en Provence)

*Micro- and nano-tomography applied to the detection  
of nanoparticles in geomaterials.*

**Yvan Capowiez** (INRAE Avignon)

*How X-ray tomography and image analysis enlarge our vision  
of the functional role of earthworms in soil?*

 2:30 pm~4:30 pm

**Denis Courtier-Murias** (Gustave Eiffel University)

*Introduction to NMR and MRI and applications  
in environmental samples.*

**Éric MICHEL** (INRAE Avignon)

*Applications in soil and plants.*

**Wednesday 17<sup>th</sup> February**

**Cindy Morris** (INRAE Avignon)

*Friends or foes? Plant pathogenic microorganisms  
that can trigger rainfall.*

 14:30 pm to 15:30 pm  ..... campus

**Wednesday 17<sup>th</sup> March**

**Francesco Visioli** (University of Padova)

*Nutritional benefits from eating plant products.*

 14:30 pm to 15:30 pm  ..... campus

**Wednesday 14<sup>th</sup> April**

**Olivier Dangles** (Avignon University)

*Plant secondary metabolites and their importance to humans.*

 14:30 pm to 15:30 pm  ..... campus

**Wednesday 19<sup>th</sup> May**

**Linda Kinkel** (Dept. Plant Pathology, University of Minnesota)

*From ecological theory to practice: microbial management  
for healthy crops.*

 14:30 pm to 15:30 pm  ..... campus