

CUTTING-EDGE ECOLOGY

EDITION 2018

Ecology: Science of the 21st century

Ecology is not just a fascinating and fast-developing science. Ecological knowledge is needed now more than ever. It's a major challenge not only to predict the consequences of the increasing human impact on the planet, but also to deliver solutions.

In this two-yearly lecture series, we take students, staff and strangers to the cutting edges of our research, making use of nature's intelligence. And students are invited to think with us and design their own research. Enjoy the ride!

November 2, 2018 – Ecology and innovation: the sky is the limit

1. **Louise Vet**: Ecology: the necessity, the challenge, the cutting edges
2. **Louise Vet**: Innovation inspired by nature

November 9, 2018 – The enemy of your enemy is your friend...

3. **Jetske de Boer**: Biological control of insects: How ecology inspires sustainable crop protection
4. **Irene de Bruijn**: Beneficial microbes to combat fish diseases

November 16, 2018 – Ecosystem restoration

5. **Emilia Hannula**: Little things that make a big difference: the role of soil biota in nature restoration
6. **Liesbeth Bakker**: Rewilding: a new perspective for ecosystem restoration

November 23, 2018 – New Tools: citizen science & automated monitoring

7. **Lisette Senerpont de Domis**: Engaging citizens in lake monitoring: a steep learning curve for citizens and scientists
8. **Kamiel Spoelstra**: Automated monitoring in ecology: research at ungodly hours and long-term assessment of subtle and latent effects

November 30, 2018 – New Tools: big data and power of the small

9. **Antica Culina**: Think big: integrative approaches, open data and modern ecological research
10. **Ben Oyserman**: The Cutting Edge: ecological principles of microbiome engineering

December 7, 2018 - Students' PGO: subject choice and question hour

December 14, 2018 - Students' PGO: exam presentations (From 9.00 - 12.00 AM)

Fridays, from 10:00 AM

CUTTING / EDGE ECOLOGY
Meet the Netherlands Institute of Ecology (NIOO-KNAW)

www.nioo.knaw.nl/cuttingedge



NEDERLANDS INSTITUUT VOOR ECOLOGIE (NIOO-KNAW)
NETHERLANDS INSTITUTE OF ECOLOGY (NIOO-KNAW)

Droevendaalsesteeg 10
6708 PB Wageningen
Colloquium room, 2nd floor
Opposite the university campus

ENT-90303 / 3 CREDIT POINTS for students