

ILEE Research Day

Tuesday, 11th February, 2020
La Bourse – Place d'Armes 1, 5000 Namur

Programme

8h30	Welcome with coffee & bits
9h00	Key note: Methane on Mars and the quest for extraterrestrial life – <i>Sébastien Viscardy, Royal Belgian Institute for Space Aeronomy (BIRA-IASB)</i>
9h45	Rotifers In SpacE: a new eukaryotic extremophile model organism to study the impact of radiation and micro-gravity on biological processes – <i>Boris Hespeels, Biology abstract</i>
10h00	Could an early-life infection with bacterial pathogen trigger immune memory in zebrafish adult? – <i>Valérie Cornet, Biology abstract</i>
10h15	Gisele: Guidance for socio-economic impact of ecosystem restoration – <i>Antoine Limpens, Geography abstract</i>
10h25	A multi-biomarker approach highlights the physiological functions affected by chronic exposure of African catfish to the binary insecticide Acer 35EC – <i>Alexis Houdji, Biology</i>
~10h30	Coffee break
11h10	How the age, the origin and the cryopreservation affect the sperm quality in Atlantic salmon – <i>Alexandre Erraud, Biology</i>
11h25	Ecosystem architecture and stability – <i>Camille Carpentier, Biology</i>
11h40	<i>Video</i> : Characterization of weathering processes of the giant copper deposit of Tizert (Igherm inlier, Anti-Atlas, Morocco)– <i>Julien Poot, Geology abstract</i>
11h50	Insight into the complex sexuality of the only self-fertilizing vertebrate, the mangrove rivulus – <i>Yves "Ivan" Blanco Alvarez, Biology abstract</i>
12h00	Do engineered nanoparticles present ecotoxicological risks for aquatic organisms? – <i>Mahaut Beghin, Biology abstract</i>
12h10	Study of a biocontrol product, COS-OGA, to induce plant defence activation in flax against <i>Verticillium dahlia</i> – <i>Alice Cousin, Biology abstract</i>
12h20	Design of biocontrolled pesticides based on detrimental insects trehalase inhibition – <i>Virgile Neyman, Chemistry abstract</i>
12h30	Lunch

- 13h30 Key note – *Gauthier Chapelle (in-Terre-dependent researcher)*
- 14h15 How the passage through a hydropower plant affects the physiological and health status of migrating species? – *Imen Ben Ammar, Biology*
- 14h30 Temperature dependence of the CO₂-collisional broadening of chloromethane lines – *Sylvain Leonis, Physics [abstract](#)*
- 14h45 Citizen science data for mapping allergenic trees in Belgium – *Sébastien Dujardin, Geography [poster](#)*

~15h00 General Annual Meeting ILEE

15h30 Award ceremony

15h45 Closing Drink