

([HTTPS://ILEE.UNAMUR.BE](https://ilee.unamur.be))

## ILEE RESEARCH DAY 2025

The annual scientific meeting of the members of ILEE.



ILEE's annual scientific conference with oral and poster presentations by ILEE affiliates was a wonderful success. Everybody was impressed

by the high quality of presentations, the variety of topics and enjoyed the relaxed atmosphere during coffee and lunch breaks.

Special congratulations go to **Boris Hespels (Biology)**, who convinced the jury with his outstanding talk about a "Space Project"!

Our last minute special guests: Robertina Šebjanič (<https://robertina.net/>) and Marco Barotti (<https://www.marcoarotti.com/>), two scientific artists, gave us a glimpse of their art work presenting their common project: "Fossilized Future: Insect Symphonies Across Time", which explores the tension between deep time, and the present future, creating bridges between ancient ecosystems, contemporary landscapes, and speculative futures. It centres on the 365-million-year-old fossil *Strudiella devonica* (found in the region of Namur) and the twin river systems of La Meuse and La Sambre. It presents how insects like *Strudiella devonica* bridge aquatic and terrestrial realms. The project investigates the flow of time, and interspecies coexistence by blending disciplines such as archaeology, futurology, quantum biology, ecology, natural & cultural heritage and mythology.

ILEE members will be honoured to collaborate with them to prepare the Co-Vision (<https://drive.google.com/file/d/1qDfDhIqDDTBRhHhhXkRBZ14AWdibBBNx/view?pli=1>) project, that will be presented in Namur end of 2025.


See here the pictures of the day, taken by Julie Hétru (Biology)!

## This was the programme:

8h30	Welcome with coffee & bits
9h00	Mapping mosquito-borne diseases in urban Kenya: A fine-resolution GIS-AHP Approach – Noel Kanini Joseph

### Past events

(<https://ilee.unamur.be/events/past-events>)

-  Thesis defence by Martin Vastrade (<https://ilee.unamur.be/events/thesis-defence-by-martin-vastrade>)
-  ILEE Lunch seminar (<https://ilee.unamur.be/events/ilee-lunch-seminar-37>)

More... (<https://ilee.unamur.be/events/past-events>)

9h15	Extremotolerant organisms as models for studying life's response and adaptation to spaceflight and high-dose ionizing radiation – <i>Boris Hespeels</i>
9h30	Malaval Cave: Pb-Zn-Cu interactions and blue colorations – <i>Martin Vlieghe</i>
9h45	Unveiling the hidden effects of microplastics on pathogen colonisation and enhanced toxicity in zebrafish larvae – <i>Omayma Missawi</i>
10h00	FLASH: Rehabilitation of Atlantic salmon in the face of rising water temperatures in a context of climate change – <i>Valérie Cornet</i> (Poster)
10h05	FLASH: Spatio-temporal analysis of dengue epidemics in Argentina (2009-2023): The contribution of socio-economic factors – <i>Joséphine Piette</i> (Poster)
10h10	Fossilized Future: Insect Symphonies Across Time – <i>Robertina Šebjanič &amp; Marco Barotti</i>
<b>10h30</b>	<b>Coffee break</b>
11h15	Tracing the Past: How Historical Environments Shape Population response to sequential change – <i>Arunima Sikder</i>
11h30	Dual-comb spectroscopy: a tool to study atmospheres – <i>Jean Clement</i>
11h45	Forming intermediate to felsic crustal plateaus on Venus by remelting the crust: No oceans, no continents? – <i>Max Collinet</i>
12h00	Global change effects on trophic pyramids – <i>Yun Li</i>
12h15	Individual and Community Effects on Environmental Internal Migration Patterns in Senegal – <i>Corentin Visée</i>
<b>12h30</b>	<b>General Annual Meeting ILEE</b>
	Award for best presentation
<b>~13h</b>	<b>Lunch &amp; Poster Session</b>

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