



 **Nolwenn DECANTER**

From France to Finland 

Project: **Speciation process occurring in lamprey species**

Research topic: **Biology**

Finnish Institution: **University of Helsinki**

French Institution: **INRAE / Institut Agro Rennes-Angers**

Dates of mobility: **01/03/2022 to 31/03/2023**

Program: **Maupertuis Programme**

PRESENTATION

Nolwenn Decanter went to the [INRAE's](#) Ecology and Ecosystem Health lab in Rennes (France) as a Ph.D. student. She works on the genomic divergence and reproductive isolation between two closely related lamprey species using a combination of genomic and experimental approaches. Before that, she earned an MSc degree in functional, behavioural and evolutionary ecology and a BSc in organism biology from [Rennes 1 University](#).

ACTIVITIES IN FINLAND

During her stay, Nolwenn Decanter had the possibility to closely mimic the life cycle of our model species by implementing new parameters in Nemo software, an individual-based, spatially and genetically explicit simulation platform.

The collaboration with Professor Guillaume was determining for a chapter of her thesis as he developed the Nemo software that was used for the simulations and his expertise in evolutionary biology. Nolwenn Decanter's laboratory in France will continue to work with [Frederic Guillaume's](#) team even after the end of my PhD as the two labs have very complementary approaches and similar subjects.