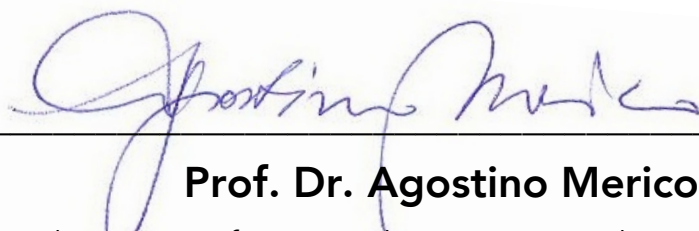
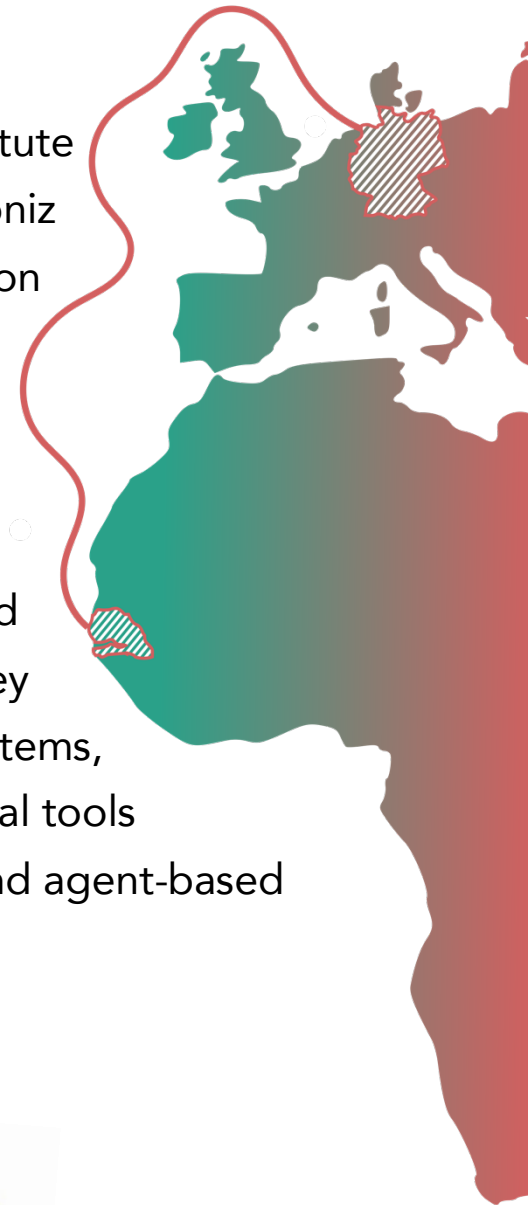


This is to certify that **Cyrille Kesiku** attended a course organised by the African Institute of Mathematical Sciences (Senegal) and the Leibniz Centre for Tropical Marine Research (Germany) on "**Mathematical modelling of ecological and socioeconomic systems**" during the period **27-31 January 2020 at AIMS, MBour Senegal**. The course included an introduction to mathematical modelling and python and covered aspects related to the modelling of predator-prey interactions, disease spreading, plankton ecosystems, and cultural segregation. The main computational tools considered were differential equation models and agent-based models.



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