

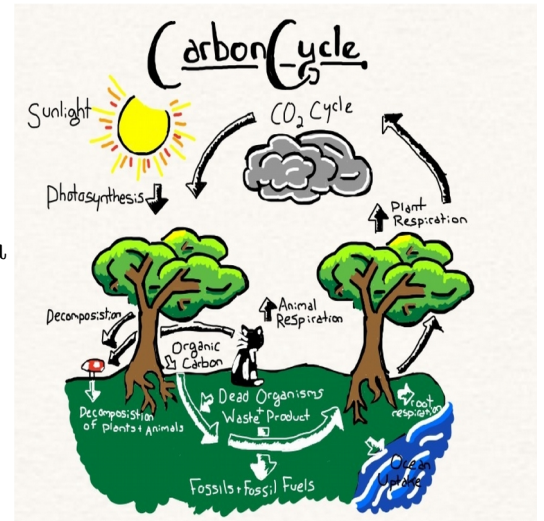


Matinée scientifique « Open quantum systems »

22 mars 2023

Thématique générale :

This third edition of the Maia-days addresses questions like coherence and quantum entanglement in open quantum systems (such as spin chains) embedded in a macroscopic environment. Different point of views will be exposed, namely a biological, a physical and a mathematical one, proposed by Virginia TSIOURI (University of Surrey, UK, Quantum Biophotonics group), Nicolas LAFLORENCIE (LPT, IRSAMC, UPS) and Clement PELLEGRINI (IMT, UPS).



Organisation :

9h00-10h00 : Virginia TSIOURI: « Efficiency of excitation transfer in biological systems »

10h00-10h30 : Pause café

10h30-11h30 : Nicolas LAFLORENCIE: « Entanglement entropy and localization in disordered quantum chains »

11h30-12h30 : Clement PELLEGRINI: « Quantum Repeated interactions- Quantum Trajectories- Open Quantum Walk »

