



Miao is currently a post-doc researcher at Aarhus University, Aarhus, Denmark. He is interested in using a large scale phylogeny to explore the diversity patterns in angiosperms across space and time via big biological data and biological comparative methods.

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Présentiel : Salle 201, Bâtiment PS2, CIRAD-UMR
AMAP, Boulevard de la Lironde

Zoom : <https://umontpellier-fr.zoom.us/j/95991840860>

Explore Biodiversity Using Big Data and Tree of Life

presented by

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ABSTRACT

Tree of Life (Phylogenetic tree) is a crucial reference system for biological research. It captures evolutionary relationships among species, linking all the biological data together with an evolutionary context, serving as the biological “Periodic Table”. In this talk, the author will use his published research cases to demonstrate how to use large volume of biological data and Tree of Life to explore biodiversity across space and time, and how the research findings can be references for practices in biodiversity conservation.

KEY WORDS

Tree of Life; Biodiversity; Tree of Life; Big data; Phylogeny

Invited and animated by:

Dr. Zhun MAO (UMR AMAP)

Type:

Research results

Oral language:

English

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