“Focus on lianas”

AMAP 6th June 11:00-17:30

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

Lianas are an iconic growth form in many tropical ecosystems where they play important roles in community composition, vegetation dynamics and likely responses to climatic change. This informal meeting focuses on some of the diverse approaches and projects centred on lianas at AMAP and will kick off with a key note lecture by our guest speaker Stefan Schnitzer. We will be covering a diverse range of subjects from overarching studies on the ecology and evolution of lianas to new approaches of studying lianas in the field, detailed functional traits, biomechanics, modelling at the community level and finally using lianas as models for bio-inspired new technologies.

Stefan Schnitzer (University Pittsburgh) – *Ecology of Lianas*
Thomas Couvreur (IRD, DIADE) – *Evolution*
Begum Kacamak (Forestry Club de France) – *Liana communities in northern Congo*
Sebastien Levionnois (EcoFog & AMAP) – Anatomical and morphometric approaches
Fiston Nininahazwe (AMAP) – *Imaging spectroscopy for distinguishing lianas in canopy*
Isabelle Maréchaux (INRA – AMAP) – *Functional strategies and modelling*
Patricia Soffiatti (UFPR, Brazil) – *Biomechanics of climbing cacti*
Nick Rowe (CNRS - AMAP) – *Biomimetics*

This meeting has been organised under the aegis of the theme “BIOMIME” at AMAP . For further information please contact Nick Rowe (nrowe@cirad.fr). This as an initiative of the project “GROWBOT” https://growbot.eu/ which has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No 824074.