# Programme AMAPhD – 02/11/2021

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| **9h – 9h10** | **Ouverture de la journée et discours de l'administration** |
| **9h10 – 9h20** | **Ouverture organisatrices AMAPhD 2021** |
| 9h20 – 9h25 | ARIZA SALAMANCA Antonio Jesus |
| 9h25 – 9h45 | ADJI Beda Innocent<br>Architecture and structure-function modelling of native savannah agroforestry species in Côte d'Ivoire |
| 9h45 – 10h05 | BADOURDINE Colette<br>Mapping tropical forest diversity from hyper- and multi-spectral imaging |
| 10h05 – 10h25 | BEZANDRY Rickarlos<br>Architecture et variabilité interspécifique de trois espèces de Baracoffea : Coffea boinensis, Coffea bissetiae et C. ambongensis Davis & Rakotonasolo |
| **10h25 – 10h45** | **Pause gourmande** |
| 10h45 – 10h50 | DELLA SIGNORA Carla<br>Impact des lianes sur la croissance des arbres dans une forêt du Nord Congo |
| 10h50 – 11h10 | CLEMENT Jeanne<br>Predicting tree species vulnerability to climate change in the tropical forest of French Guiana using joint species distribution models |
| 11h10 – 11h30 | DENEU Benjamin<br>Interpretability of distribution models of plant species communities learned through deep learning – application to crop weeds in the context of agro-ecology |
| 11h30 – 11h50 | ESTOPINAN Joachim<br>A predictive approach to determining the joint conservation status of species |
| 11h50 – 12h05 | MARCON Eric et PAPUGA Guillaume<br>L'enseignement pendant le doctorat |
| **12h05 – 13h30** | **Pause déjeuner** |

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| 13h30 – 13h50 | **HATTERMAN Tom**<br>Functional diversity of exploratory phases in climbing plants: a static, dynamic and modelling approach of searcher shoots to enhance bio-inspired applications in soft robotics |
| 13h50 – 14h10 | **KACAMAK Begum**<br>Ecological strategies of African lianas in stable and disturbed environments: bio-inspiring models for soft robotics |
| 14h10 – 14h30 | **LEMIERE Laetitia**<br>Augmented reality to facilitate agroforestry system design |
| 14h30 – 14h50 | **PLOTON Pierre**<br>Leveraging high resolution spaceborne data to monitor tropical forests phenology |
| 14h50 – 15h10 | **THOMAS Colin**<br>Model checking ecological state transition graphs |
| **15h10 – 15h30** | **Pause rafraichissante** |
| 15h30 – 15h50 | **MESBAH Mélilia (Visio de Bejaïa)**<br>Taxonomic ambiguities on Silene section Silene (Caryophyllaceae) : the case of Silene nocturna group |
| 15h50 – 16h10 | **MOFACK Gislain (Visio de Yaoundé)**<br>Utilisation du LiDAR terrestre et du drone pour la quantification de la biomasse aérienne : cas des savanes du Centre Cameroun |
| 16h10 – 16h30 | **KREBBER Daniela (Visio de Kourou)** |
| 16h30 – 16h50 | **LAFONT-RAPNOUIL Tristan (Visio de Kourou)**<br>Environmental changes and structure, acquisition, and transmission of plant microbiota |
| **16h50 – 17h** | **Discours de clôture** |