

Dr. Mark Chase activities

April, 14 - 18h30: Opening event of the course “Angiosperms Phylogeny” in UFPB/CCA/Campus II - (auditório do Prédio Central)

19h: Open speech by Dra. Laís Angélica Borges (head of Department of Biological Sciences)

19h15: Speech by Dr. Leonardo Pessoa Felix (head of the Sector of Botany and the Project Coordinator- Science without Borders/Special Visiting Researcher)

19h30 (40-50 minutes): ”Classification of angiosperms: problems and solutions obtained by use of DNA data” by Dr. Mark Chase - Senior Research Professor/ Science Directorate/KEW (after the lecture, until 20 minutes for public questions)

Schedule of the Week:

Day	Time	Topics/activities
April, 15	8h	A brief history of methods of phylogenetic analysis, with a focus on DNA data
	9h	DNA barcoding in plants: problems and prospects
	10h/12h	Discussion with regularly enrolled students
	12h/13h45	lunch break
	14h	Orchid classification
	15h	Taxonomy of Oncidium (Oncidiinae: Orchidaceae): understanding pollination biology is essential to taxonomic studies
	16h/17h	Discussion with regularly enrolled students
April, 16	8h	Conservation of genetics, especially of orchids
	9h	Junk DNA in plant genomes: can it be used in phylogenetic studies?
	10h/12h	Discussion with regularly enrolled students
	12h/13h45	lunch break
	14h	Genome size and evolution of angiosperms
	16h/17h	Discussion with regularly enrolled students
April, 17	8h	Phylogenetics of Nicotiana (Solanaceae)
	9h	Polyploidy and chromosome evolution in Nicotiana (Solanaceae)
	10h/12h	Discussion with regularly enrolled students
	12h/13h45	lunch break
	14h	Chromosome painting: techniques and results in Nicotiana (Solanaceae)
	15h	Epigenetics as a factor in evolution: field studies in Dactylorhiza (Orchidaceae)
	16h/17h	Discussion with regularly enrolled students
April/20	8h	Lumping versus splitting: is one better than the other or does it matter at all?
	10h/12h	Discussion with regularly enrolled students
	12h/13h45	lunch break
	14h	Origins of the Neotropical flora
	16h/17h	Discussion with regularly enrolled students