

Programme

Oak Research Stakeholder Meeting, Shrewsbury



DAY 1

11:00 Welcome tea and coffee

11:45	Open Meeting, Housekeeping and AOD background	Sandra Denman (Forest Research)
SESSION 1 The soil environment in plant health		
12:00	Environmental predisposition factors to Oak decline	Elena Vanguelova (Forest Research)
12:15	Soil enzyme activity in Oak health	Luci Corbett (University of Reading)
12:25	Discussion	
12:30	Buffet Lunch (40 mins)	
SESSION 2 Management of forest diseases and pests plus Workshop		
13:10	An overview of practical management of forest and tree diseases relating AOD research to management principles	Sandra Denman (Forest Research)
13:25	Long term monitoring of oak health and AOD symptom development	Nathan Brown (Forest Research)
13:40	Developing management strategies to reduce oak disease	Rob Jackson (University of Birmingham)



13:55	BAC-STOP WP1 Using the odour of bacteria to tackle Acute Oak Decline	Gareth Thomas (Rothamsted)
14:10	Discussion	
14:20	SHORT BREAK and instructions for Workshop grouping	
SESSION 3 Workshop		
14:30	WORKSHOP	Mariella Marzano & Liz O'Brien (Forest Research)
15:20	BREAK Tea / Coffee	
SESSION 4 Tree responses		
15:40	BAC-STOP WP2 Oak response to drought and nutrient limitations – using TreeTalkers	Elena Vangelova (Forest Research)
15:55	BAC-STOP WP2 Metabolome responses to environmental stress treatments in oak sapwood	Jasen Finch (Aberystwyth University)
16:10	BAC-STOP WP4 Update: Assessing pathogenicity of bacteria isolated from stem bleeds on broadleaf trees	Bridget Crampton (Forest Research)
16:25	Investigating the ecology and infection biology of <i>Gymnopus fusipes</i> , a fungal root rot pathogen of woodland trees	Bethany Pettifor (Bangor University)
16:40	Enhanced atmospheric carbon dioxide impacts powdery mildew disease in an established oak forest	Estrella Luna Diez (University of Birmingham)
16:55	Changes for ancient parkland tree crowns 1946 to 2021 using time series geo-referenced aerial photography. Moccas and Brampton Bryan	David Lovelace (Geo-spatial data analysis practitioner)
17:05	Life project FAGESOS	Bruno Scanu (University of Sassari, Sardinia)
17:15	Introducing the Centre for Forest Protection	Louise Gathercole (Forest Research)
17:25	Discussion	
17:30	End of Day 1	

DAY 2

Interactive morning combining display stalls, field visit to see AOD, Lfd *Phytophthora* testing. Suitable clothing and footwear to be worn. If wet talks will be held indoors. Please see attached map indicating meeting point at Attingham Park.

For those people who have pre-booked a seat, mini-bus transport will take you from your hotel to Attingham Park.

09:30-10:00	Meet at Attingham Park, outside visitor entrance in parking lot where you will receive your name sticker. Please attach visibly as this identifies you as part of our group.
10:00	Walk to the site. View AOD symptoms, swab and Lfd testing.
	Future Oak project with engineered microbiome, at the Future Oak site (weather permitting) <i>Talk by Professor James McDonald (University of Birmingham)</i>
	Oak Rhizosphere results <i>Daniel Maddock</i>
	Walk to <i>Armillaria</i> tree and remove a panel
	RNA interference and its application in the treatment of tree diseases <i>Talk by Bridget Crampton (Forest Research)</i>
	Leveraging fungal combative interactions for biocontrol of <i>Armillaria</i> <i>Talk by Ed Pyne (University of Bangor)</i>
12:00	Boot washing and walk to the main house, final presentations, discussion and refreshments
12:30	Meeting closes
13:00	Transport leaves from Attingham car park for Shrewsbury train station