

26-27th November 2018, INRA, Clermont Ferrand

AGENDA

		Arrival at Salle Gachon, near to main Reception, INRA Clermont Ferrand, France	
Monday 26 th November	08:45	welcome	
	Session 1: Setting the NUE scene		Jean Pierre Cohan
	09:00	Plenary 1	Jean Pierre Cohan <i>NUE and G X E interaction: Agronomy matters</i>
	09:30	Offered 1.1	Sabine Tausz-Posch <i>Plant N relations in response to increasing atmospheric CO₂</i>
	09:45	Offered 1.2	Domenica Nigra <i>Candidate genes involved in NUE</i>
	10:00	<i>coffee</i>	
	10:45	Offered 1.3	Bertrand Hirel <i>System biology approaches for improving nitrogen use efficiency and yield in maize: are they applicable to other cereals</i>
	11:00	Offered 1.4	Sigrid Heuer <i>The dual role of allantoin, a small N-rich metabolite</i>
	11:15	Offered 1.5	Munir Zia <i>Nitrogen Use Efficiency in wheat - Pakistan</i>
	11:30	Offered 1.6	Darren Plett <i>Identifying and improving the nitrate uptake system in cereal crops</i>
	11:45	discussion	
	12:45	<i>Lunch INRA canteen/refectory/dining</i>	
	14:00	Offered 1.7	Stéphane Lafarge (<i>unable to attend in the morning</i>) <i>Improving Nitrogen Use Efficiency in Wheat by Genome Wide Association Studies.</i>
	Session 2: What has modelling to offer		Christian Kruppe
	14:15	Plenary 2.1	Bruno Andrieu <i>structure-function models</i>
	14:45	Plenary 2.2	Christian Kuppe <i>Simulation of the influence of phenotypic variation on nutrient uptake of crops</i>
	15:15	Offered 2.1	Hafeez ur Rehman <i>Optimal N supply in rice and wheat based on NDVI</i>
	15:30	Offered 2.2	Rainer Hoefgen <i>Characterization of the Wheat Leaf Metabolome during Grain Filling and under Varied N-Supply</i>
	15:45	<i>Tea</i>	
	16:15	General discussion	
16:45	EWG-NUE business discussion		
19:00	dinner (local restaurant, venue TBC)		

Tuesday 27 th November	Session 3: High throughput phenotyping opportunities Nicolas Virlet		
	09:00	Plenary 3	Nicolas Virlet (TBC) <i>Field phenotyping for nitrogen use</i>
	09:30	Offered 3.1	Michelle Watt <i>Phenotyping roots and shoots of wheat for nutrient use efficiency in controlled and field conditions: Focus on throughput</i>
	09:45	Offered 3.2	Jacques Le Gouis/ Christophe Salon <i>Root phenotyping on the Dijon platform</i>
	10:00	<i>coffee</i>	
	10:45	Offered 3.3	Fabiano Daniel De Bona <i>Phosphorus use efficiency variability in wheat genotypes</i>
	11:00	Offered 3.4	Malcolm Hawkesford <i>Drone-based NUE phenotyping</i>
	11:15	discussion	
	12:45	<i>Lunch INRA canteen/refectory/dining</i>	
	Session 4 Summing up (Tue pm 1h) and visit to phenotyping platform		
	14:15	Summing up	
	15:15	Visit to pheno platform	

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