



GCIRC Technical Meeting Cambridge UK 2025 – April 8th – 10th, 2025

GCIRC Programme Jesus College Cambridge UK 2025			
Date	Time	Topic	
Tuesday April 8	10,00	Depart from Jesus College for Farm Trip Park Farm Thorney	
	17,00	Return to Jesus College	
Wednesday April 9	9,00	Welcome GCIRC	Presidential Team
		Houskeeping	Colin Peters
	Session 1		
	9,15	Oral 1 - 20 mins	Importance of agricultural emissions of rapeseed production - importance for biofuel manufacturing. Adam Stepien
	9,40	Oral 2 – 20 mins	How to achieve high winter oilseed rape yields with low greenhouse gas emissions - Christina Baxter
	10,05	Oral 3 – 20 mins	Implications of climate change for pest and diseases of oilseeds – Bruce Fitt
	10,30	General Discussion	
	10,45	Coffee/drinks	
	11,15	GCIRC General Assembly	
	12,45	Lunch	
	Session 2		
	13,40	Oral 7 – 20 mins	Adapting Canola to Changing Agricultural Systems - Matthew Nelson
	14,05	Oral 8 – 20 mins	Leveraging phenotypic plasticity in seed oil content for climate-adapted breeding and production of rapeseed - Liang Guo
	14,30	Short oral 9 – 10 mins	Assessing multiple abiotic stress tolerance in diverse genotypes of Indian mustard (Brassica juncea L. Czern & Coss.) - Kartikeya Srivastava
	14,45	General Discussion	
	15,00	Coffee/drinks	

	Session 3		
	15,30	Get involved – hybrid rape review: Yves Devisme	
	15,40	Short oral 11 – 10 mins	Prospects of using the Brassica oleracea gene pool in oilseed B. napus breeding - Habibur Rahman
	15,55	Short oral 12 – 10 mins	Identifying germplasm for resistance to blackleg and Verticillium stripe diseases and mapping molecular markers for marker-assisted selection - Mukhlesur Rahman
	16,10	Short oral 13 – 10 mins	Brassica napus surface wax: understanding and manipulating surface chemistry for crop improvement – Mark Smith
	16,25	General Discussion	
	16,45	GE panel, open forum – How can science and policy work together to facilitate the uptake of precision-bred crops, details to be confirmed.	
	18,15	Close for the day	
19,30	Gala Dinner – (Dress code: Formal but feel free to wear National Costumes)		
	Session 4		
Thursday April 10	8,45	Oral 4 – 20 mins	Nitrogen Use Efficiency in spring canola: Steps towards getting more from less - Sally Vail
	9,10	Oral 5 – 20 mins	Designing a new method for improving the management of nitrogen fertilization in winter oilseed rape - Emile Lerebour
	9,50	Short oral 26 – 10 mins	Sustainable winter rapeseed production by breeding for Nitrogen use efficiency and by optimizing its cultivation system – Daniel Valle
	10,05	Short oral 27 – 10 mins	Increased nitrogen availability and biodiversity in organic winter oilseed rape by intercropping annual legume companion crops - Ann-Charlotte Wallenhammar
	10,10	General Discussion	
	10,25	Coffee	
	Session 5		
	10,40	20 mins	Hiphen Introduction – Hugh Frost & Alexis Comar
	11,05	Oral 15 – 20 mins	Improving oilseed rape performance through the implementation of an agroecological management strategy for cabbage stem flea beetle - Nicolas Cerrutti
	11,30	Oral 16 - 20 mins	Next-Gen IPM for pests of oilseed rape – Samantha Cook
	11,55	Oral 17 – 20 mins	Integrating sustainability criteria into rapeseed variety performance testing. An on-farm research network to assess variety pest tolerance - Eve-Anne Laurent
12,20	Short oral 18 - 10 mins	Feeling the weather: changes and implications in phoma stem canker and light leaf spot pathogen spore release under different weather conditions - Yongju Huang	

	12,35	General Discussion	
	12,50	Lunch	
	Session 6		
	13,45	Short oral 19 – 10 mins	First detections of <i>Plenodomus biglobosus</i> (<i>Leptosphaeria biglobosa</i>) ‘canadensis’ and new azole-insensitive <i>P. lingam</i> (<i>L. maculans</i>) isolates in western Europe - Kevin King
	14,00	Short oral 20 – 10 mins	Validation of novel DArTseq-derived molecular markers for blackleg resistance identification in rapeseed (<i>Brassica napus</i> L.) using PCR - Janetta Niemann
	14,15	Short oral 21 – 10 mins	Temperature-sensitivity of resistance against phoma stem canker in oilseed rape - Henrik Stotz
	14,30	Short oral 23 – 10 mins	AI detection of light leaf spot in winter oilseed rape varieties – Marian Thorsted
	14,45	Short oral 24 – 10 mins	Regulation of dormancy and germination of inoculum of <i>Plasmodiophora brassicae</i> and <i>Verticillium longisporum</i> in the soil - Andreas von Tiedemann
	15,00	Oral 25 – 20 mins	Optimising intercropping for oilseed rape – Alice Baux and Ivan Hiltbold
	15,25	General Discussion	
	15,35	Coffee/Drinks	
	16,00	General Discussion, Opportunities for collaboration towards the Congress	
		Close	
Posters, Jesus College			
Breeding rapeseed for future climates			Dragana Rajković
Efficient nitrogen use in selected winter oilseed rape varieties			David Bečka
Using <i>Brassica napus</i> phytoremediation biomass for sustainable biofuel production			Ana Marjanović Jeromela
Bioproducts and their potential in protection of <i>Brassica napus</i> L. against <i>Verticillium longisporum</i>			Veronika Konradyová
New understanding of IPM control measures for csfb			Colin Peters
Scoring for stem health reveals a by now unexplored major resistance locus against blackleg disease in rapeseed breeding.			Steffen Rietz
Undercropping options for winter rapeseed in relation to herbicide treatment			Lucie Bečková
Change in oilseed rape stem weevils’ time of occurrence			Željko Milovac
Heat-induced aggregation and gelation of rapeseed cruciferin and napin			Colleen Mudau
Characterization of <i>Plenodomus lingam</i> races in Swedish winter oil seed rape			Ann-Charlotte Wallenhammar
Expanding the toolkit for breeding sclerotinia stem rot resistance and other traits in canola			Mark Derbyshire
Optimisation of the Berlese method for estimating cabbage stem flea beetle larvae (CSFB) pressure.			Céline Robert