ORAL Presentations

Wednesday 24th				Titles
8.00	8.30	REGISTRATION		
8.30	9.00	Welcome		
Session 1	*Chair*	*D Chachalis*	*M Simic*	
9.00	**9.30**	**Alistair Murdoch**	**Invited**	Implications of weed seed ecology for integrated weed management and the sustainable use of herbicides
9.30	**10.00**	**Roland Beffa**	**Invited**	Herbicide resistance prediction models to optimize Integrated Weed Management.
10.00	10.15	Discussion		
10.15	10.40	coffee break		
Session 2	*Chair*	*Lynn Tatnell*	*J Storkey*	
10.40	11.00	Jim Orson	Key note	The context of IWM systems
11.00	11.15	A Tataridas	GOOD project	GOOD-Agroecology for Weeds: a European project for the promotion of agroecological weed management
11.15	11.30	Dionissio Andujar	precision	Classifying RGB images of weeds and maize using RetinaNet One-Step Neural Networks
11.30	11.45	D Chachalis	Nanoshield project	NANOSHIELD-Developing nanochitosan-based plant growth regulation products
11.45	12.00	J Storkey	IWM	Is IWM a staging post on the way to agroecological weed management ?
12.00	12.15	Discussion		
12.00	13.30	Lunch break		
Session 3	Chair	F Vidotto	*I Calha*	
13.30	13.45	Per Rydahl	IWMwise #1	Potentials and scalability of a DSS for Integrated Weed Management named 'IPMwise'
13.45	14.00	R Hull	resistance	Rothamsted's Alopecurus myosuroides (black-grass) farm network, has black-grass abundance changed in the UK since 2014?

14.00	14.15	W Smith	banded herbicides	A demonstration of banded herbicides and inter-row cultivation to reduce the intensity of weed populations
14.15	14.3	J Clark	wheat germplasm	Wheat contra weed: Identifying wheat germplasm for enhanced competition against black-grass
14.30	14.45	Neil Brocklehurst	resistance	Predicting global herbicide resistance hotspots using a 30-year-old database and machine-learning techniques
14.45	15.00	Discussion		
15.00	15.15	coffee break		
	Chair	Chachalis- Simic-Lynn - Jim Orson		
15.15	15.30	FOCUS GROUP INTRODUCTION		
15.30	17.00	FG WORK		
17.00	17.15	Coffee break		
17.15	17.45	FG DISCUSSION		

Thursday 25th

Session 4	Chair	Per Rydahl	M Brakov	
8.55	9.15	Joanna Davies	key note	Drones, robots and digital tools: Are they the future of agriculture?
9.15	9.30	M Brakov		Reduction and optimization of herbicides use: adjuvants and nozzles
9.30	9.45	D Chachalis		Framing the role of glyphosate in major Greek perenial crops: The outcome of Focus Group analysis
9.45	10.00	Lynn Tatenll		Alternative weed management: adapting technologies to different crops
10.00	10.15	E Dearlove		Needs, gaps and barriers for alternative weed management; insight from a 2023 stakeholder survey.
10.15	10.30	Discussion		
10.30	10.45	coffee break		
Session 5	Chair	R Hull	S Fogliatto	
10.45	11.00	LP Pismarovic		Can phenolic acids contribute to herbicide reduction in Ambrosia artemisiifolia L. control?

11.00	11.15	M Simic		Long-term effects of three-crop rotation on weed control in maize
11.15	11.30	S Cook		Can hybrid barley be used to reduce seed return in Alopecurus myosuroides (black-grass) Anisantha sterilis (Barren brome) and Lolium multiflorum (Italian ryegrass)
11.30	11.45	F. Vidotto		Precision weed control for false seedbed termination in Italian rice fields
11.45	12.00	S Fogliatto		Weed control with green mulch in rice and maize in Italy
12.00	12.15	Discussion		
12.30	17.00	Field trip		
20.00		DINNER		Trinity College Hall

Friday 26th

Session 6		Chair	W Smith	Neil Brocklehurst	
10.00	10.15	IM Calha			Branched broomrape control in processing tomato with green technologies
10.15	10.3	J Cussans			The rise of Italian Rye-grass as a weed in UK agriculture
10.30	10.45	Per Rydahl			Demonstration of a free demo version of IPMwise - a DSS for Integrated Weed Management, with initial customization for conditions in UK
10.45	11.00	JM Montul			Potentials and scalability of a DSS named 'IPMwise' integrated with 'RoboWeedMaps' for determination of weed infestations
11.00	11.15	D Loura			Different weed management approaches in wheat
11.15	12.00	Discussion			
12.00	12.15	coffee break			
12.15	12.30	D Chachalis		Wrap up/END	