

ECR Conference 2017

Lancaster University – 19-20th April

Programme

DAY 1

Session Chair

10:00 Arrival, registration & refreshments

10:30 Welcome and opening of conference

Ashley Gorman

10:45 President's welcome, **Professor Wilfred Otten**

11:15 Presentation Session 1

Tom Inglis

- "Image analysis methods to identify excreta patches on intensively grazed grassland using aerial imagery captured from a UAV" - **Juliette Maire**
- "Influence of cropping systems and soil type on soil structure as revealed by Xray" - **Aurelie Bacq Labreuil** –
- "Can crop diversity confer resilience to multiple ecosystem services under climate change?" - **Erika Degani**
- "The effect of Arbuscular Mycorrhizal Fungi inoculum on soil physical and chemical properties involved in nutrient leaching from agriculture" - **Philip Brailey**
- "The effect of cover crop species on soil characteristics on a clay loam" - **Jake Richards**

12:15 Lunch

13:00 **Poster Pitches (Group A)**

Ian Brown

13:30 Presentation Session 2

Daniel Evans

- "A sticky future? Myxospermous seeds in erosive agroecosystems" - **Ashley Gorman**
- "Earthworms and ecosystem services– linking their activity to water transport and storage in soils" - **Jamal Hallam**
- "Land use and soil properties: what drives nationwide mesofauna communities?" - **Paul Bryn Llewellyn George**
- "Biogeographic differences in soil biota influence invasive and native species responses to nutrient addition" - **Arthur Broadbent**
- "In-soil trophic interactions between plants, rhizosphere bacteria and nematodes: improving availability of soil phosphorus" - **Malika Mezeli**

14:30	GROUP 1: <i>Grant Writing</i> - Room LT9	Phil Haygarth
	GROUP 2: <i>Publishing in Soil Science</i> – Room LT4	Mike Goss /Margaret Oliver
15:05	Refreshment Break and Key collection at Registration Desk	
15:40	GROUP 1: <i>Publishing in Soil Science</i> – Room LT4	Mike Goss /Margaret Oliver
	GROUP 2: <i>Grant Writing</i> – Room LT9	Phil Haygarth
16:15	Careers in Soil Science	Ashley Gorman
	<ul style="list-style-type: none">• Professor Liz Baggs – Academia• Paul Newell Price – Consultancy• Mary Ockenden – Post-Doc• Panel Q&A	
17:30	Poster Session (Group A)	
18:15	BSSS: Your Society <i>Regional Events</i> <i>Student Rep Elections</i> <i>Engagement Tool Competition</i>	BSSS Student Reps (Open Discussion)
20:00	Birthday Party	

DAY 2

Session Chair

8:45 Housekeeping & Overview

09:00 "Fast Track Your Impact", **Professor Mark Reed**

10:00 Presentation Session 3

Paul Llewellyn George

- "Greenhouse gas fluxes from a degraded lowland raised bog under restoration management"- **Emma Brown**
- "Comparative evaluation of effectiveness of kaolin and bentonite mixed with organic material as sandy soil amendment" - **Esther Ogunniyi**
- "Soil Resistance and resilience of C and N cycling to environmental stresses"- **Xin Shu**
- "Going Underground: Root traits and soil organic matter in grasslands"- **Christopher Sweeney**
- "Estimating the contribution of root exudation to carbon storage in temperate agricultural soil"- **Maria McMahon**

11:00 **Poster Pitches (Group B)**

Ian Brown

11:20 Refreshment Break

11:35 Presentation Session 4

Bea Burak

- "Soil productive lifespans: Reviving the role of pedologists in contemporary soil science"- **Daniel Evans**
- "Determinants of soil water repellency in a temperate landscape"- **Fiona Seaton**
- "Study on the copper complexation ability of synthetic humic-like acids formed by abiotic humification process and the effect of experimental factors"- **Ting Yang**
- "Simultaneous measurement of diffusion and reaction in soil"- **Jana Darmovzalova**
- "Removal and attenuation of sewage effluent combined tracer signals of phosphorus, caffeine and saccharin in soil"- **Samia Richards**

12:35 Lunch

13:10 **Poster Session (Group B)**

13:40 Science Communication Workshop, **Professor Mark Reed**

15:00 Conference Close & Awards

Professor Wilfred Otten