

School of

# Natural and Environmental Sciences

## **POSTGRADUATE RESEARCH CONFERENCE 2019**

### **PROGRAMME**

**9.00am Tea/Coffee in foyer**

**9.30 Start. Introduction Dr Phillip Lord – Postgraduate Research Dean**

**9.50 2nd Year Student Presentations – Chaired by Liam Mistry**

- Lauren Nelson – Quantum Mechanically Derived Parameters for Computer-Aided Drug Design - Medicinal Chemistry
- Max Kelly – The life of a Plastic Microfibre - Biotechnology & Bio molecular Science
- Abigail Smith – Food fraud, and a novel way to combat it - Plant & Microbial Sciences

**10.50 Tea/Coffee and Poster Sessions in Foyer**

**11.30 2nd Year Student Presentations – Chaired by Christina Skinner**

- Yaiza Gutierrez Vazquez – Using in-field diagnostics to better manage fungicide use and resistance development - Modelling, Evidence & Policy
- Pablo Rojas Martinez – DNA-based Nanowires - Functional Materials
- Mathias Ottosen – Environmental impacts from correlated genetic traits in pigs - Animal Science

**12.30 Lunch and Poster Session**

**13.30 2nd Year Student Presentations – Chaired by John Edgar & Coleen Murty**

- Ines Vazquez Iglesias – Rose viruses and the emerging risk of Rose Rosette Disease - Agriculture Production Systems
- Elena Benedetti – Implications of carbon policies on the quality of UK consumer diet: a Micro-Simulation approach - Applied Social Science
- Alison Hendry – Understanding the origin and basin-wide distribution of clay-coated grains in siliciclastic reservoirs - Earth, Ocean and Planetary Sciences
- Eva Gougoula – Broadband Rotational Spectroscopy at Newcastle University - Energy & Spectroscopy
- Samantha De Silva – Chomp! Listening to Slugs - Ecology

**15.15 Refreshments in foyer**

**15.45 Awarding Prizes & Close**