



School of Natural Sciences

3rd Annual Lightning Talks 28 October 2015

Schedule

5.30 – 6.10 pm:

1. **Dr. Chris Nicholas** (Geology): What lurks beneath the East African Rift?
2. **Dr. Nicola Marples** (Zoology): The life and times of the mysterious Irish badger
3. **Dr. Jesko Zimmermann** (Botany, Dr. Mike Jones RG): The effect of land-use dynamics on neonicotinoid exposure
4. **Kyle Heron** (Geology, Dr. Quentin Crowley RG): How old is the gold?
5. **Ponlawat Pattarakulpisutti** (Botany, Dr. Fraser Mitchell RG): Plant community ecology of floodplain vegetation in Nong thung tong Non-hunting area, Southern Thailand
6. **Qiang Yang** (Zoology, Dr. Ian Donohue RG): Big ecological consequence by tiny stochasticity
7. **Dr. Robert Legg** (Geography, Visiting lecturer RG): Developing an Environmentally-Based Site Location Model of Paleoindian Settlement in the Northern Great Lakes
8. **Maria Isabel Vucinic** (Geology, Dr. Chris Nicholas RG): Implications for petroleum exploration in Tanzania's onshore potentials

9. **Conor Owens** (Botany, Dr. Fraser Mitchell RG): Dark and Damp - Biodiversity in Constructed Wetlands
10. **Dr. Anna Csergő** (Zoology, Dr. Yvonne Buckley RG): The Geography of Demography: Mechanisms of spatial variation in plant population performance
11. **Dr. Thomas Riegler** (Geology, Dr. Sean McClenaghan RG): Economic Geology: Ore genesis and industrial applications
12. **Anindita Lahiri** (Botany, Dr. Trevor Hodgkinson RG): The hidden endophytes of ash trees threatened by dieback disease
13. **Darren O'Connell** (Zoology, Dr. Nicola Marples RG): Cryptic diversity in the white-eyes of South-east Sulawesi

6.10 – 6.20 pm: Break

6.20 – 7.00 pm:

14. **Sukontip Sirimongkol** (Botany, Dr. John Parnell RG): A taxonomic revision of genus *Henckelia* Spreng (Gesneriaceae) in Thailand and Indo-China
15. **Paul Guyett** (Geology, Dr. Balz Kamber RG): Making an impact with volcanoes
16. **Christopher Chevallier** (Geography, Dr. Mark Hennessy RG): Mapping the Past: Uncovering medieval Ireland through papal tax receipts
17. **Claire Shea** (Zoology, Dr. Paula Murphy RG): Room to grow: How cells interact with their neighbours to coordinate tissue growth and shape
18. **Dr. Matt Saunders** (Botany): Environmental implications of peatland degradation and restoration
19. **Dr. David Chew** (Geology): Giving France an (orogenic) wedgie: Detecting wedge tectonics by detrital mineral dating

20. **Shan Jiang** (Geography, Dr. Carlos Rocha RG): Subterranean estuaries as highly efficient nitrate reactors: a global perspective
21. **Dermott McMorrough** (Zoology, Dr. Andrew Jackson RG): Metabolism, Movement & Diet in Animals
22. **Alwynne McGeever** (Botany, Dr. Fraser Mitchell RG): When and where did trees grow in Europe over the last 10'000 years?
23. **Dr. Mary Jo Lavelle** (Geography, The Environmental Governance Research Group): Transitions towards sustainable consumption
24. **Dr. John Caufield** (Geology, Dr. Emma Tomlinson RG): Using water to understand and predict explosive volcanic eruptions
25. **Dr. Kevin Healy** (Zoology, Dr. Yvonne Buckley RG): Life in Numbers; Life History evolution in animals and plants
26. **Dr. Fraser Mitchell** (Botany): Back to the future: modelling interglacial climates

7.00 – 7.30 pm: Break

7.30 – 8.00 pm: Awards

**Printing House Hall
Followed by beers at O'Neills**