

IPSAM 2011

DRAFT PROGRAMME SCHEDULE

TUESDAY 7 JUNE 2011

- 12.00** **Registration/Lunch**
- Session 1**
 Lecture Theatre 1 MBC (Chair TBC)
- 13.00** **Epigenetic Regulation of Flowering**
- Professor Caroline Dean, FRS**
- 14.00** **Plant Epigenetics: Genome dosage effects on the transcriptome in an *Arabidopsis thaliana* C24 autopoloid series**
- Antoine Fort, Mark Donoghue, Peter McKeown and Charles Spillane**
- 14.30** **Plant Epigenetics: Identification and regulation of imprinted genes subject to parent-of-origin specific expression in *Arabidopsis thaliana* seeds**
- Peter McKeown, Sylvia Laouielle-Duprat, Antoin Fort, Mark Donoghue, P Wolff, Pjotr Prins, Marc Schmid, Trevor Wennblom, Nga Thi Lao, Aurélie Comte, Geert Smant, Claudia Köhler, Ueli Grossniklaus and Charles Spillane**
- 15.00** **Society Business**
- Bruce Osborne**
- 15.30 – 16.00** **Tea/Coffee**
- 16.00** **On-chromatin role for *Arabidopsis* DICER-LIKE 4 in transcription termination**
- Fuquan Liu and Caroline Dean**
- 16.30** **A novel root hair assay can expedite programmed cell death research**
- Joanna Kacprzyk and Paul McCabe**
- 17.00 – 18.00** **Poster Session**
- 18.30 – 20.00** **Reception – Palm House, Botanic Gardens, Belfast**

WEDNESDAY 8 JUNE 2011

Session 2

Lecture Theatre 1 MBC (Chair TBC)

- 09.30** **Agricultural encroachment reduces potential for carbon sequestration in tropical African wetlands**
Matthew Saunders, Frank Kansiime and Mike Jones
- 09.50** **Measuring and upscaling soil carbon dioxide efflux from different arable management practices and associated uncertainties**
Anne-Katrin Prescher and Bruce Osborne
- 10.10** **Can agricultural management practices reduce trace gas emissions from cropland?**
Mohamed Helmy, Mohamed Abdalla and Bruce Osborne
- 10.30** **Effects of land use change and re-wetting on greenhouse gas emissions**
Guiseppa Benanti, M Saunders, B Tobin and B Osborne
- 10.50 – 11.20** **Tea/Coffee**
- 11.20** **Stocks and residence time of coarse woody debris in thinned Sitka spruce plantations**
Samuel Olajuyigbe, Brian Tobin, Maarten Nieuwenhuis and Paul Gardiner
- 11.40** **Future Climatic Conditions for Irish Energy Crops: Friend and Foe?**
Saúl Otero, Gary Lanigan and Bruce Osborne
- 12.00** **Greenhouse gas mitigation in tillage systems: Nitrous oxide emissions associated with winter cover cropping**
Dru Marsh and Bruce Osborne
- 12.20** **Towards aerial thermal imaging for irrigation scheduling**
Olga Grant, Helga Ochagavia, Javier Baluja, Maria Diago and Javier Tardaguila
- 12.40** **The Irish Birch and Alder Improvement Programmes**
Ellen O'Connor, Oliver Sheridan, Barbara Doyle and Nuala Ni Fhlatharta
- 13.00 – 14.00** **LUNCH**
- 14.00** **Single Nucleotide Polymorphisms, Microsatellites and Morphology as Grouping Techniques in *Lolium* Species**
Margaret Wallace, Jim Provan and Trevor Gilliland

- 14.20** **Variation in Genes of the Lignin Biosynthesis Pathway within the Genus *Salix* – Transferring *Populus* Genomic Resources to *Salix***
Aude Perdereau, Gerry Douglas, Trevor Hodgkinson and Colin Kelleher
- 14.40 – 15.10** **Tea/Coffee**
- 15.10** **Potential effect of climate change on the distribution and ecology of oceanic montane plant communities**
Rory Hodd, David Bourke and Micheline Sheehy Skeffington
- 15.30** **Native hemiparasites – What’s on the menu? Immunocytochemical investigations of cell wall biochemistry at haustorial interfaces and implication for host quality**
Anna Pielach and Zoë Popper
- 15.50** **Contrasting glacial histories of two plant species with similar disjunct distributions in North America**
Gemma Beatty and Jim Provan
- 16.10** **LATE SUBMISSIONS (if applicable)**
- 19.30** **Conference Dinner**