**YESI/Aberystwyth University Networking Day**

**Plant-Soil-Microbe Interactions in Energy Crops**

**25 October 2011, Biology Department, University of York**

**Agenda**

**Morning Presentations - MO23, Biology**

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| **10.15** | Welcome & Coffee |  |
| **10.30** | Introduction to the Farrar Lab, Institute of Biological, Environmental & Rural Sciences | *Dr. Kerrie Farrar, Aberystwyth* |
| **10.40** | Bacterial endophytes in the bioenergy grass *Miscanthus* | *Naomi Cope-Selby, Aberystwyth* |
| **10.50** | Bioprospecting for microorganisms and enzyme activities with biorefining potential | *Laura Lyons, Aberystwyth* |
| **11.00** | Arbuscular mycorrhizas in agricultural ecosystems: what can we learn from a mycocentric approach | *Dr. Thorunn Helgasson, York* |
| **11.15** | Do arbuscular mycorrhizal fungi affect N2O fluxes from agricultural soils?” | *Kate Storer, York* |
| **11:30** | Tea & coffee |  |
| **11.40** | Greenhouse gas balance during the transition from grassland to *Miscanthus* | *Jon McCalmont, Aberystwyth* |
| **11.50** | The Impact of *Miscanthus* on Soil Carbon | *Alice Massey, Aberystwyth* |
| **12.00** | Thinking about the hidden half - considerations for measuring and modelling soil gas fluxes | *Dr. Andreas Heinemeyer, York (SEI)* |
| **12.15** | TBC | *Prof. Peter Young, York* |

**Afternoon Networking - MO52, Biology**

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| **12.30** | Lunch & posters |  |
| **13.15** | Networking session |  |
| **14.15** | Tour of gas flux measuring equipment | *Prof. Phil Ineson, York* |