

Gatsby Plant Science Network Annual Meeting
Thursday 10 September – Friday 11 September 2009
Pembroke College/St Aldate's Parish Centre, Oxford

PROGRAMME

Thursday, 10 September 2009

On arrival please go to the Porters' Lodge. Please note that Pembroke College cannot guarantee availability of bedrooms before 2.00 pm. A luggage storage area will be provided if bedrooms are not ready.

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| 1.00 pm | <i>Buffet Lunch and Registration (Collection of name badges)</i> | <i>St Aldate's Parish Centre</i> |
| 2.00 pm | Welcome and opening remarks
Professor Jane Langdale, University of Oxford
Chair of Gatsby Plant Science Advisers and of the Meeting | <i>Christopher Room at St Aldate's Parish Centre</i> |
| | Presentations by Sainsbury PhD Students upon completion of their final year
Each 20 minute presentation will be followed by approximately
10 minutes of questions and discussion to be chaired by Jane Langdale | |
| 2.10 pm | Becky Ross – University of Oxford
Hybridisation, Invasiveness and Local Adaption in <i>Senecio squaldus</i> and its progenitors | |
| 2.40 pm | Nuno Pires – John Innes Centre
Evolution of transcription factors that control cell differentiation in plants. | |
| 3.15 pm | Group photograph of students, supervisors and advisers | <i>In front of Pembroke College Hall</i> |
| | Followed by <i>Tea/Coffee</i> | <i>Christopher Room at St Aldate's Parish Centre</i> |
| | Presentations by Sainsbury PhD Students upon completion of their first year
Each 15 minute presentation will be followed by approximately
5 minutes of questions and discussion to be chaired by Lizzie Ruzala | |
| 4.00 pm | Daniel Cao – University of Oxford
Evolution of Plant Photoperiod Response | |
| 4.20 pm | Tom Mentlak – University of Exeter
Investigating effector function and delivery in the rice blast fungus <i>Magnaporthe grisea</i> | |
| 4.40 pm | Ben Miller – JIC
Defining the mechanisms of specificity in the symbiosis signalling pathway of legumes | |
| 5.00 pm | <i>Tea/Coffee</i> | |
| 5.30 pm | Evening Lecture – War and Peace: wildlife, people and farming
Professor Macdonald
Wildlife Conservation Research Unit, University of Oxford | |
| 6.45 pm | <i>Drinks reception</i> | <i>Broadgates Hall or if weather is fine in Chapel Quad</i> |
| 7.30 pm | <i>Dinner</i> | <i>Pembroke College Hall</i> |
| | <i>College bar open for drinks after dinner</i> | |

Friday, 11 September 2009

8.00–9.00 am *Breakfast*

Pembroke College Hall

***Please return your bedroom key to the Porters' Lodge before 10.00 am.
Luggage storage will be provided.***

9.30 am **Presentations by Sainsbury PhD Student** *Christopher Room at St Aldate's Parish Centre*
 upon completion of their second year

Each 15 minute presentation will be followed by approximately
5 minutes of questions and discussion to be chaired by Becky Ross

Ed Mitchard – University of Edinburgh
Remote sensing as a tool to detect and quantify vegetation properties in tropical
forest-savanna transitions

9.50 **Lizzie Ruzsala** – University of Bristol
The evolution of stomatal function

10.10 **Ben Tolley** – University of Cambridge
Generating a C₄ Rice

10.30 am *Tea/Coffee*

11.00 am **Presentations by** *Christopher Room at St Aldate's Parish Centre*

Professor Ray Goldstein - University of Cambridge
talk on research at the Dept of Applied Mathematics and Theoretical Physics
'Flagellar Synchronization, Eukaryotic Random Walks, and Multicellular Phototaxis'

Professor Liam Dolan – JIC
'Using hairs to investigate plant development and evolution'

12.20 pm Summing up of meeting – Professor Jane Langdale

12.30 pm **Session for Sainsbury Undergraduate Students** *Small Meeting Room*
 to discuss Sainsbury PhD Studentships with the Advisers

12.30 pm *Lunch (Undergraduates to join once their meeting has finished)*

1.15 pm **Open meeting for anyone interested in discussing the Summer School and the
development of the web-based teaching resources for Gatsby Plants, led by Dr
Celia Knight, Academic Co-ordinator.** *Christopher Room at St Aldate's Parish Centre*