

## Phylo-Group Meeting V

Room 1.02, Malet Place Engineering Building, UCL

28 April 2006

Organisers: Ziheng Yang (z.yang@ucl.ac.uk) and Nick Goldman (goldman@ebi.ac.uk)

Directions: <http://abacus.gene.ucl.ac.uk/phylogroup/phylogroup.html>

### Programme

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|----------------------|---|--|
| 9:44 — 9:45          | Ziheng Yang:  | Welcome, Introduction, Announcements   |
| 9:45 — 10:15         | Anna Chernova:  | Predicting Deleterious SNPs with Site-Specific Evolutionary Models   |
| 10:15 — 10:45        | Wendy Wong:   | EvoGEM: a Phylogenetic Generalized Hidden Markov Model for Finding Evolutionary Conserved Functional Sites |
| <b>10:45 — 11:15</b> | <b>Tea &amp; Coffee</b>   |  |
| 11:15 — 11:45        | Tanya Vavouri:  | Highly Conserved Noncoding Elements and the Evolution of Animal Body Plans                                 |
| 11:45 — 12:15        | Simon Ho:   | Relaxed Clock Phylogenetics  |
| 12:15 — 12:45        | Oli Pybus:  | On a Virus I Once Saw in a Vegetarian Indian Restaurant Near Here ( <i>tbc</i> )                           |
| <b>12:45 — 14:15</b> | <b>Lunch (not provided)</b>   |  |
| 14:15 — 14:55        | Katharina Huber:  | Q-imputation: a New Approach for Dealing With Missing Data   |
| 14:55 — 15:25        | Raazesh Sainudiin:  | Exactly Approximate Inference for Exponentially Growing Populations  |
| <b>15:25 — 15:55</b> | <b>Tea &amp; Coffee</b>   |  |
| 15:55 — 16:15        | Koen Deforche:  | Estimating the Fitness Function of HIV During Treatment  |
| 16:15 — 16:30        | General Discussions, A.O.B., Declaration of Victory, Date of Next Meeting |  |

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### Participants

#### Hinxton

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