<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Activity</th>
<th>Talk title</th>
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<tbody>
<tr>
<td>19th August, Wednesday</td>
<td>07:15-08:15</td>
<td>Breakfast</td>
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<td></td>
<td>12:00-15:00</td>
<td>Algae Collection Walk</td>
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<td>17:00-21:00</td>
<td>Registration</td>
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<td>18:00-21:00</td>
<td>Welcome Reception, cold buffet</td>
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<td>20th August, Thursday</td>
<td>07:15-08:15</td>
<td>Breakfast</td>
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<td>Morning Session 1: Life Cycle</td>
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<td></td>
<td>08:30-08:40</td>
<td>Chair: James Umen</td>
<td>Introduction</td>
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<td>08:40-09:05</td>
<td>Hiroko Kawai-Toyooka</td>
<td>Isolation and characterization of the plus and minus tubular mating structures from the isogamous volvocine alga <em>Gonium pectorale</em></td>
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<td>09:05-09:30</td>
<td>Takashi Hamaji</td>
<td>Transcriptome analysis of sexual and vegetative development in <em>Volvox carteri</em></td>
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<td>09:30-09:55</td>
<td>Sa Geng</td>
<td>Cross-species complementation experiments reveal a complex evolutionary history of the MID gene and its regulatory networks in Volvocine algae</td>
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<td>09:55-10:20</td>
<td>Dinah Davison</td>
<td>Phenotypic stability and flexibility in the Volvocaceae</td>
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<td>10:20-10:40</td>
<td>Tea, coffee break</td>
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<td>Morning Session 2: Cell Differentiation</td>
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<td>10:40-10:50</td>
<td>Chair: Erik Hanschen</td>
<td>Introduction</td>
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<td>10:50-11:15</td>
<td>Zachariah Grochau-Wright</td>
<td>Genetic Basis for Cellular Differentiation is Present in Undifferentiated Volvocine Green Algae</td>
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<td>11:15-11:40</td>
<td>Arash Kianianmomeni</td>
<td>Cell-type specific light-mediated transcript regulation in <em>Volvox</em></td>
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<td>11:40-12:05</td>
<td>Gavriel Matt</td>
<td>Transcriptomic analysis of cell types in <em>Volvox carteri</em> yields new insights into the molecular-genetic basis of germ-soma differentiation</td>
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<td>12:05-13:30</td>
<td>Lunch</td>
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<td>Afternoon Session 1: Development</td>
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<td>13:30-13:40</td>
<td>Chair: Matthew Herron</td>
<td>Introduction</td>
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13:40-14:05  Shota Yamashita  
Another evolution for spheroidal colony formation: developmental analysis of Astrephomene (Volvocales, Chlorophyta)

14:05-14:30  Stephanie Hoehn/Pierre Haas  
Mechanics of a Volvox Embryo Turning Itself Inside Out

14:30-14:55  Alexey Desnitskiy (prerecorded)  
Geographical distribution of the species of Volvox and the light/dark control of gonidal divisions

14:55-15:15  Tea, coffee break

Afternoon Session 2: Evolution

15:15-15:25  Chair: Aurora Nedelcu  
Introduction

15:25-15:50  Matt Herron  
Experimental evolution of multicellularity in Chlamydomonas reinhardtii

15:50-16:15  Margrethe Boyd  
Motility in Multicellular Chlamydomonas reinhardtii

16:15-16:40  Erik Hanschen  
Cell cycle regulation and the evolution of multicellularity

16:40-17:30  Guest Speaker: Pauline Schaap  
Evolution of developmental signalling and cell-type specialization in the Dictyostelia

17:30-18:30  Poster Session  
Paella dinner

21st August, Friday

07:15-08:15  Breakfast

Morning Session 1: Biophysics

08:30-08:40  Chair: Ray Goldstein  
Introduction

08:40-09:05  Doug Brumley  
Sync and swim: flagellar dynamics in Volvox carteri

09:05-09:30  Tim Pedley  
Squirmers with swirl: a model for Volvox swimming

09:30-09:55  Kirsty Wan  
Evolutionary Roots of Multiflagellation

09:55-10:20  Noriko Ueki  
Eyespot overrides the cellular lens effect and is important for determination of correct phototactic direction in Volvocales

10:20-10:40  Tea, coffee break

Morning Session 2: Taxonomy, Phylogeny & Ecology

10:40-10:50  Chair: Hisayoshi Nozaki  
Introduction

10:50-11:15  Hisayoshi Nozaki  
Taxonomic re-examination of two sexual types of "Volvox africanus" by Starr (1971), based on the use of new strains from Lake Biwa, Japan
11:15-11:40  Thomas Pröschold  New insights on the phylogenetic position of unicells among the Volvocales
11:40-12:05  Cristian Solari  Predicting abundance as a response to temperature: A chemostat approach using the volvocine green algae

12:05-13:30  Lunch

Afternoon Session 1: Genetics Workshop

13:30-13:40  Chair: David Smith  Introduction
13:40-14:05  Kayoko Yamamoto  Identification and characterization of the MID orthologs from two homothallic species of *Volvox*
14:05-14:30  Jose Ortega  Investigating somatic cell differentiation and its evolution through analysis of *regA* group genes.
14:30-14:55  Tara Marriage  The genetic basis of multicellularity by evolutionary transcriptomics
14:55-15:15  *Tea, coffee break*

Afternoon Session 2: Genomics Workshop

15:15-15:25  Chair: Bradley Olson  Introduction
15:50-16:15  Jonathan Featherston  An Update on the Genome Sequence of *Tetrabaena socialis* NIES-571
16:15-16:40  Aurora Nedelcu  Gene co-option, antagonistic pleiotropy, and the evolution of somatic cell differentiation in *Volvox carteri*
16:40-17:30  Bradley Olson  Volvocales Genome Project - Update and Methodology

17:30-18:30  Image, Video, Arts Competition
18:30-18:50  Walk to Magdalene College
19:00-21:00  Banquet, Award Ceremony

22nd August, Saturday

07:15-08:15  Breakfast
09:15-10:15  Round Table
10:45-12:10  View City Centre, Market Place
12:10-12:30  Walk to Scudamore Punting Station
12:30-13:30  Punting
13:50-open end  Afternoon Tea