### CSIRO MK3L Climate Model Workshop - Program

Workshop venue: Climate & Environmental Dynamics Laboratory, UNSW

**Thursday 25th May**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>9:00</td>
<td>Welcome - Room 4082, Level 4, Red Centre, UNSW</td>
<td>Matthew England</td>
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<tr>
<td>9:15 - 10:00</td>
<td>Introduction to the CSIRO Mk3L climate system model</td>
<td>Steven Phipps</td>
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<tr>
<td>10:00 - 10:30</td>
<td>Introduction to Coupled Climate Modelling</td>
<td>Andy Pitman</td>
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<td>10:30 - 11:00</td>
<td>COFFEE BREAK</td>
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<tr>
<td>11:00 - 11:50</td>
<td>Compiling and running Mk3L on APAC Facilities</td>
<td>Steven Phipps</td>
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<tr>
<td>11:50 - 12:30</td>
<td>Have Australian Rainfall and Cloudiness Increased Due to the Remote Effects of Asian Anthropogenic Aerosols? An Application of the CSIRO Mk3L Climate System Model</td>
<td>Leon Rotstayn</td>
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<td>12:30 - 2:00</td>
<td>LUNCH</td>
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<tr>
<td>2:00 - 3:20</td>
<td>Mk3L: Input, output and post-processing</td>
<td>Steven Phipps</td>
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<td>3:20 - 3:40</td>
<td>COFFEE BREAK</td>
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<tr>
<td>3:40 - 5:00</td>
<td>Mk3L: Input, output and post-processing (continued)</td>
<td>Steven Phipps</td>
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<td>5:00 - 6:00</td>
<td>Free</td>
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<td>6:00 - 7:15</td>
<td>AMOS LECTURE: “Southern Hemisphere Climate Change: It is happening, so should we be concerned?” Physics Theatre, Old Main Building, UNSW (Map Reference K15)</td>
<td>Matthew England</td>
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The AMOS lecture will be followed by a Workshop Dinner (venue to be advised).

**Friday 26th May**

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<tr>
<th>Time</th>
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<th>Speaker</th>
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<tbody>
<tr>
<td>9:00 - 9:45</td>
<td>Overview of the APAC National Facility</td>
<td>Ben Evans</td>
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<tr>
<td>9:45 - 10:30</td>
<td>Computational Considerations in Coupled Climate and Multiphysics Models</td>
<td>Jay Larson</td>
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<td>10:30 - 11:00</td>
<td>COFFEE BREAK</td>
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<tr>
<td>11:00 - 12:30</td>
<td>Configuring Mk3L for past, present and future climate scenarios</td>
<td>Steven Phipps</td>
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<tr>
<td>12:30 - 2:00</td>
<td>LUNCH</td>
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<tr>
<td>2:00 - 3:20</td>
<td>Configuring Mk3L (continued)</td>
<td>Steven Phipps</td>
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<td>3:20 - 3:40</td>
<td>COFFEE BREAK</td>
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<tr>
<td>3:40 - 5:00</td>
<td>Mk3L implementation and usage: Q&amp;A &amp; Wrap-Up</td>
<td>Steven Phipps</td>
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