

CKMR CSIRO WORKSHOP 2022: AGENDA

I'm not sure where we'll get to by when, so this is flexible. There's some new things I haven't tried before :) There should be lots of time for discussion— it's meant to be very interactive. *Italics* means a guest presentation. There will be a few homework questions and exercises (thinking and/or doing)— it's up to you whether to have a go, you will not be graded.

Formal session times are 09:30–12:30, and 13:30–15:30 or 16:00 depending on collective energy. Rooms are open from 08:30 until at least 17:00. Tea-breaks when we need them.

MON Lenna Hotel (Runnymede room)	<ul style="list-style-type: none">• Introduction<ul style="list-style-type: none">– basics– core principle– meta-rules ("is my model legit?")– what <i>all</i> CKMR code needs to look like• POPs: examples for "mammals"<ul style="list-style-type: none">– ideal -> realistic -> downright tricky– trivially simple (..?)• Group exercise
TUE Lenna Hotel (Runnymede room)	<ul style="list-style-type: none">• [POPs cont.]• HSPs: examples for "sharks"<ul style="list-style-type: none">– simple -> pointless -> impossible• <i>School sharks</i>• Start of "Fish": POPs+HSPs
WED Lenna Hotel (Runnymede room)	<ul style="list-style-type: none">• Fish cont.<ul style="list-style-type: none">– CKMR deconstructed• <i>Southern Bluefin Tuna</i>• Spatial CKMR
THU CSIRO (Back of Canteen)	<ul style="list-style-type: none">• BYO species: group(s) exercises• <i>Glyphis glyphis</i> (river shark)• <i>Genetics, genotyping, and kin-finding</i>
FRI CSIRO (Back of Canteen)	<ul style="list-style-type: none">• Design<ul style="list-style-type: none">– <i>¿Mako sharks?</i>