Tentative Agenda
Jan 31-Feb 3 9am-1pm (San Diego time).

Monday
9:00 Welcome and instructions, Alex Aires-da-Silva and Mark Maunder
9:10 Introduction, Mark Maunder
9:30 The value of diagnostics in stock assessment, Felipe Carvalho
10:30 “and he saith unto them, Follow me, and I will make you fishers of [data]” (i.e., how to sort and weigh data). James Thorson.
11:00 Break
11:15 The Logistic-normal as a tool to diagnose model misspecification? The proposed idea, its comparison to common diagnostics, and some initial considerations. Nicholas Fisch
11:45 Guidelines to validating generalized linear mixed models in Template Model Builder using quantile residuals. Andrea Havron
12:15 Discussion

Tuesday
9:00 Retrospective analysis as a diagnostic. Chris Legault
9:30 There is a crack in everything, that’s how the light gets in. Hindcasting for model validation and selection. Laurie Kell.
10:00 The Art of Bayesian Model Checking. Paul Conn
10:30 Importance of prior predictive checks in Bayesian stock assessment models. Kyuhan Kim
11:00 Break
11:15 Jim Ianelli and Paul Spencer. Use of posterior predictive intervals in complex statistical age-structured assessment models
11:45 Discussion

Wednesday
9:00 R0 likelihood component profile as a diagnostic tool: thumbs up or thumbs down. Hui-Hua Lee
9:30 Age-structured production model and catch curve analysis diagnostics for integrated models. Carolina Minte-Vera
10:00 Empirical selectivity. Carolina Minte-Vera
10:30 Discussion
11:00 Break
11:15 Diagnostics in Stock Synthesis. Ian Taylor
11:45 A guide to using ss3diags for model evaluation, Megumi Oshima
12:15 Discussion

Thursday
9:00 On automating assessment model diagnostics and the need for simulation testing, Henning Winker
10:00 Discussion
10:30 Break
10:45 Diagnostics, yesterday, today and tomorrow. Andre Punt
11:45 Discussion