

4th Guam Coral Reef Symposium
 Tuesday, March 27, 2018 – Hyatt Regency Hotel, Tumon

PROGRAM AGENDA

7:45-8:15	Registration
8:15-8:45	Opening remarks
8:45-9:45	Keynote presentation Dr. Adrian Stier, Assistant Professor, University of California, Santa Barbara
9:45-10:40	Session 1: Oceanography and spatial analyses <ul style="list-style-type: none"> • Maria Kottermair and Dr. Romina King: Maps and GIS data for everyone • Dr. Ved Chirayath and Dr. Romina King: Using "fluid lensing" to generate 3D maps of Tumon Bay and Piti reefs and potential use of MiDAR for rapid assessments of mass coral bleaching events • Dr. Atsushi Fujimura: Physical environmental characteristics of Pago Bay, Guam
10:40-10:55	Break
10:55-12:25	Session 2: Ecology, evolution, and genetics <ul style="list-style-type: none"> • Dr. Bastian Bentlage: Connections through time: Evolutionary relationships of corals and their relatives • Dr. David Combosch: A phylogenomic study of scleractinian corals based genome and transcriptome data • Dr. Sarah Lemer: Epigenetic modifications and differential gene expression in <i>Acropora</i> during heat acclimation • Dr. Tom Schils: Taxonomic revisions of Guam's marine flora to support applied ecological studies • Dr. Brett Taylor: Standing out in a big crowd: Peculiar demography facilitates dominance of <i>Naso unicornis</i> in Pacific coral-reef fisheries
12:25-1:25	Lunch Poster session <ul style="list-style-type: none"> • Patrick Keeler: Direct seeding study in southern soils • Dr. Angela Dikou: Life-traits based coral reef fisheries management – more support from the USVI fishery • Jennifer Ha: How many species of staghorn <i>Acropora</i> corals are there in Guam? • Natasha Hagans: Training implementation of fish spawning aggregation surveys (SPAGS) on the island of Guam • Kelsie Ebeling-Whited: Mating success of six-bar wrasse utilizing two mating strategies • Jordan Gault: Evolution of photo-symbiosis in corals: Patterns of gain and loss of an ecologically important trait
1:25-2:35	Session 3: Climate change and reef resilience <ul style="list-style-type: none"> • Dr. Mark Lander: Climate context of Micronesian coral reefs • David Burdick: Assessing the resilience of Guam's reefs to climate change impacts • Dr. Laurie Raymundo: Does bleaching increase susceptibility to white syndrome among staghorn <i>Acropora</i>? • Dr. Lyza Johnston: Patterns and drivers of seagrass ecosystem resilience in Saipan Lagoon
2:35-2:50	Break
2:50-3:45	Session 4: Ridge to reef management <ul style="list-style-type: none"> • Marybelle Quinata: Balancing science and stewardship: Evolution of the GCCRMP • David Benavente: Managaha Sanctuary: Human impacts and implications for management • Dr. Peter Houk: Can blending modern science with traditional management help to ameliorate fisheries management gridlock?
3:45-4:00	Closing remarks