

**CoralWarm Meeting
December 12-13, 2011
University of Bologna**

MONDAY, DECEMBER 12

**Research department (ARIC), 2nd floor, Via Zamboni 33, Bologna
Entrance after the Library on the left**

9.00 Welcome by **ProRector, Prof. Dario Braga** (open to all CoralWarm team members)

9.15-10.45 first section (administrative section; restricted to administrative and group leader people:
Verdiana Bandini, Paola Motetti: the project administrative management)

10.45-11.00 coffee break

**Room P -Ground Floor, 2nd Building
Complesso Belmeloro, Via Belmeloro 14, Bologna**

11.00-13.00 second section (scientific section: **Zvy Dubinsky, David Iluz, Yulia Pinchasov**: running in of instrumentation, response of the photosynthetic apparatus to the intensity and spectral composition of underwater irradiance, temperature and nutrient concentrations; the application of photoacoustics, report on aquaria facility)

13.00-14.30 lunch (Complesso Belmeloro, 1st building, ground floor)

14.30-16.30 third section (scientific section: **Oren Levy, Sarit Lampert**: dependence between environmental cues -e.g. light and temperature-, circadian rhythms, and regulation of physiology and behavior; molecular ecology and gene expression in Mediterranean corals, sequencing progress)

16.30-16.45 coffee break

16.45-18.45 fourth section (scientific section: **Stefano Goffredo, Francesco Zaccanti, Bruno Capaccioni, Erik Caroselli, Selena Prantoni, Francesca Gizzi, Valentina Airi, Fiorella Prada, Valentina Nanni, Giorgia Polimeni, Leonardo Laiolo**: growth, population dynamics and reproduction of Mediterranean solitary corals in relation to environmental parameters; ocean acidification effects on calcifiers: shall we investigate possible correlations with the biomineralization process, skeletal mechanical properties, and porosity?; ocean acidification effects on Mediterranean corals at a CO₂ vents site: the Panarea experiment. **Giuseppe Falini, Michela Reggi, Damir Kralj, Simona Fermani, Francesca Sparla**: the biomineralization process and the kinetics of calcium carbonate precipitation. Exploring the role of intra-skeletal macromolecules)

Evening: free time (probably dinner in pizzeria)

TUESDAY, DECEMBER 13

Room P -Ground Floor, 2nd Building

Complesso Belmeloro, Via Belmeloro 14, Bologna

9.30-10.30 first section (scientific section: **Giuseppe Falini, Michela Reggi, Damir Kralj, Simona Fermani, Francesca Sparla**: the biomineralization process and the kinetics of calcium carbonate precipitation. Exploring the role of intra-skeletal macromolecules)

10.30-10.45 coffee break

10.45-12.45 second section (scientific section: **Paola Fantazzini, Luca Pasquini, Villiam Bortolotti, Alan Molinari, Maria Calienni, Stefania Evangelisti, Marianna Vannini, Arianna Mancuso**: mechanical properties and porosity in Mediterranean corals. **Luca Palmeri, Alberto Barausse** ecosystem modeling insights)

12.45-14.15 lunch (Complesso Belmeloro, 1st building, ground floor)

14.15-16.15 third section (scientific section: **All CoralWarm team members**: general discussion. Where we shall go now?)

16.15-16.30 coffee break

17.30-18.30 **Oren Levy** Seminar: *The complexity of circadian clocks in symbiotic corals* (Anthropology Institute Lecture Room; third floor - Department of Evolutionary and Experimental Biology, Via Selmi 3, Bologna)

20.30 Social Dinner

Cantina Bentivoglio, Via Mascarella 4/b Bologna

PEOPLE ATTENDING THE MEETING

BIU

ZVY DUBINSKY (PROF.)
OREN LEVY (DR)
SARIT LAMPERT (DR)
YULIA PINCHASOV (DR)
DAVID ILUZ (DR)

UNIBO RESEARCH AUTHORITY

VERDIANA BANDINI
PAOLA MOTETTI

BES

STEFANO GOFFREDO (DR)
FRANCESCO ZACCANTI (PROF.)
ERIK CAROSELLI (POST DOC)
FIORELLA PRADA (PHD STUDENT)
VALENTINA AIRI (PHD STUDENT)
FRANCESCA GIZZI (MASTER STUDENT)
SELENA PRANTONI (MASTER STUDENT)
ARIANNA MANCUSO (MASTER STUDENT)
VALENTINA NANNI (MASTER STUDENT)
GIORGIA POLIMENI (MASTER STUDENT)
LEONARDO LAIOLO (MASTER STUDENT)
BRUNO CAPACCIONI, DIP. GEOLOGIA (PROF.)
ELETTRA PIGNOTTI, DIP. STATISTICA (PHD STUDENT)
LUCA PALMERI, UNIVERSITY OF PADOVA
(PROF.; only Tuesday)
ALBERTO BARAUSSE, UNIVERSITY OF PADOVA
(POST DOC; only Tuesday)

CIAM

GIUSEPPE FALINI (PROF.)
DAMIR KRALJ, RUDJER BOSKOVIC INSTITUTE
(PROF.)
SIMONA FERMANI (DR)
FRANCESCA SPARLA (DR)
MICHELA REGGI (PHD STUDENT)

PHYS

LUCA PASQUINI (DR)
PAOLA FANTAZZINI (PROF.)
VILLIAM BORTOLOTTI (DR)
ALAN MOLINARI (MASTER STUDENT)
MARIA CALIENNI (RESEARCH TECHNICIAN)
STEFANIA EVANGELISTI (MASTER STUDENT)
MARIANNA VANNINI (DR)

AUTHORITY

PROF. DARIO BRAGA, PRORECTOR