

**Società Italiana di  
Biologia Evoluzionistica - SIBE**



# **Evoluzione 2015**

*6° Congress of the Italian Society of  
Evolutionary Biology  
SIBE-ISEB*

*Bologna, 31/8-3/9 2015*

## **SYMPOSIA**

### **Symposium #1. Evolution of Genomes and Genomic Conflicts**

*The symposium aims at displaying the current state of Evolutionary Genomics. Topics may include structural genomics, genomic parasites, gene and genome duplications, comparative genomics, genomic conflicts and coevolution (including host-symbionts, organelles, etc.).*

### **Symposium #2. Evolutionary Research in Museums**

*This symposium aims at presenting evolutionary researches based on Museum collections or hosted by Museum institutions, including any available experimental approach, from morphology to molecules, from collection to field studies. The scope of the symposium is to highlight the role and relevance of Natural History Museums in Evolutionary Biology.*

### **Symposium #3. Phylogenetics, Biogeography and Phylogeography**

*Phylogenetic reconstruction, molecular clocks, biogeography and phylogeography of species using any kind of data, from morphologies to genes or genomes, at every taxonomic level.*

### **Symposium #4. Evolution of phenotypes and Organismal Biology**

*Topics may include, for example, comparative morphology; evolution of behavior; social interactions; phenotypic plasticity.*

### **Symposium #5. Population Genetics and Genomics**

*The symposium will host communications analyzing genetic/genomic variation data to infer demographic and selection processes.*

### **Symposium #6 Evolutionary Applications**

*Topics may include: evolution of invasive species, Darwinian medicine, plant and animal domestication, agri-food metagenomics, contemporary evolution, conservation genetics, biodiversity conservation and management, and others.*

### **Symposium #7 New Frontiers in Evolutionary Anthropology**

*Co-hosted with the Italian Anthropological Association, the symposium aims at displaying case studies representative of innovative approaches for the study of human evolution. Topics may include Anthropological Genetics and Genomics, Archaeogenetics, Paleontology and Paleoanthropology, Forensic Anthropology and Human Biology.*

*N.B.: Presentations on bioinformatics tools such as methods, programs, and pipelines used to process large data sets in evolutionary biology studies are very welcome in all symposia.*

## TENTATIVE TIMETABLE

	August 31 <sup>st</sup> Monday	September 1 <sup>st</sup> Tuesday <i>‘Biodiversity Day’</i>	September 2 <sup>nd</sup> Wednesday	September 3 <sup>rd</sup> Thursday
9.00		SYMPOSIUM 2	SYMPOSIUM 5	SYMPOSIUM 7 <i>Co-hosted with: Italian Anthropological Association</i>
10.00				
11.00	CONFERENCE REGISTRATION	SYMPOSIUM 3		
12.00				
13.00				
15.00	SYMPOSIUM 1	SYMPOSIUM 3 <i>cont.</i>	SYMPOSIUM 6	
16.00				
17.00		SYMPOSIUM 4		
18.00			SIBE MEMBERS MEETING	
19.00				
20.00		SOCIAL DINNER	Conference <i>Sala Borsa</i>	
21.00				
22.00				
23.00				

### CONGRESS INFOS

Language: *English*

Conference host: *Department of 'Scienze Biologiche Geologiche e Ambientali' (BiGeA), University of Bologna (Italy)*

Conference venue: *Aule Complesso Belmeloro and Zoology Museum of BiGeA*

Organizing committee: *Marco Passamonti, Fabrizio Ghiselli, Andrea Luchetti, Liliana Milani, SIBE board*

### CONTACTS

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