

# *R.C.M.N.S. Interim Colloquium*



1-3 MARCH 2011 - SCONTRONE (L'AQUILA), ITALY

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## *Third Circular*

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### *General Information*

#### *Congress homepage*

*<http://www.comune.scontrone.aq.it>*

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*The Organizing Committee is pleased to invite you to attend the International Scientific Conference "NEOGENE PARK – Vertebrate Migration in the Mediterranean and Paratethys" to be held in Scontrone (L'Aquila), Italy from 1<sup>st</sup> to 3<sup>rd</sup> March 2011 under the auspices of the*

*Universities of Pisa, Torino, Florence and Chieti*

*Soprintendenza per i Beni Archeologici dell'Abruzzo*

*Municipality of Scontrone*

*and Regional Committee on Mediterranean Neogene Stratigraphy*

## **Participation**

*Congress venue: The conference will be held in Scontrone. Scontrone, with its noteworthy wildlife, nature and human culture, will offer the participants an enchanting, peaceful atmosphere. Participants will be accommodated in Castel di Sangro (few km from Scontrone) in the Sport Village Hotel, Località Santa Liberata (Tel. +39 0864 847280; Fax +39 0864 847095). Castel di Sangro is easily reachable by car, rail and bus from Naples, Pescara and Rome ([www.comune.casteldisangro.aq.it](http://www.comune.casteldisangro.aq.it)).*

*Airport pick-up service is provided from Rome on February 28<sup>th</sup> and from Castel di Sangro on March 6<sup>th</sup>.*

## **Presentations**

*Speakers are invited to present their talk in English. **20 minutes** (45 minutes for presentations of Sessions 1 and 2) will be allocated for each speaker, including 5 minutes for questions and discussions. The conference hall is provided with all commonly used facilities. Standard presentations are intended through Power Point. Speakers are requested to provide their files in a CD or USB memory device.*

## **Organizing Committee**

*Silvano AGOSTINI, Giorgio CARNEVALE, Uberto CRESCENTI, Paul MAZZA, Patrizia MELONE, Etta PATACCA, Maria Adelaide ROSSI, Paolo SCANDONE*

## **Scientific Committee Members**

*Silvano AGOSTINI, Jordi AGUSTÌ, Giorgio CARNEVALE, Roberto COLACICCHI, Laura CORDA, Uberto CRESCENTI, Louis DE BONIS, Matthijs FREUDENTHAL, Sanjin GRANDIĆ, Anastassios KOTSAKIS, George D. KOUFOS, Walter LANDINI, Paul MAZZA, Michele MORSILLI, Etta PATACCA, Werner PILLER, Maria Adelaide ROSSI, Paolo SCANDONE, Igor VLAHOVIĆ*

# SCIENTIFIC PROGRAM - (PRELIMINARY VERSION)

## **MONDAY 28<sup>TH</sup> FEBRUARY**

17:00-18:30 Registration

18:30 Welcome reception

## **TUESDAY 1<sup>ST</sup> MARCH**

9:00-10:00 Registration

10:00-10:30 Opening ceremony

11:00-13:15 **SESSION 1** – Chairman: *Louis DE BONIS*

1.1. *Werner E. PILLER* – CHANGING MIOCENE FAUNAL COMPOSITION AS INDICATOR FOR MARINE MIGRATION PATHWAYS BETWEEN THE CENTRAL PARATETHYS AND THE MEDITERRANEAN

1.2. *Jordi AGUSTÍ* – MAMMALIAN DISPERSAL AND EXTINCTION IN THE NEOGENE OF EURASIA

1.3. *Anastassios KOTSAKIS* – NEOGENE MEDITERRANEAN INSULAR VERTEBRATE ASSEMBLAGES

13:15-15:00 **LUNCH**

15:00-18:00 **SESSION 2** – Chairman: *Jordi AGUSTÍ*

2.1. *Etta PATACCA & Paolo SCANDONE* – TERTIARY EVOLUTION OF THE APULIA PALEOGEOGRAPHIC DOMAIN

2.2. *Lars VAN DEN HOEK OSTENDE* – AMONG OTHER ISLANDS: GARGANO!

2.3. *Sevket SEN* – AFRICAN NEOGENE MAMMALS IN THE MIDDLE EAST: WAYS AND WHYS

2.4. *Paul MAZZA, Sandro LOVARI, Federico MASINI, Marco MASSETI & Marco RUSTIONI* – LAND MAMMAL COLONIZATION OF ISLANDS IS A MULTIFACTORIAL PRODUCT: A CRITIC TO THE UNWISE USE OF MODELS

20:00 **DINNER**

## **WEDNESDAY 2<sup>ND</sup> MARCH**

9:00-10:40 **SESSION 3** – Chairman: *Walter LANDINI*

- 3.1 Alexandre F. BANNIKOV - SUCCESSION OF THE BONY FISH FAUNAS IN THE EASTERN PARATETHYS DURING THE MIOCENE
- 3.2 Davit VASILYAN - LATE PALEOGENE AND NEOGENE FOSSIL FISHES OF ARMENIA
- 3.3 Giorgio CARNEVALE - THE MESSINIAN FISH FAUNA OF CAPO DI FIUME, ABRUZZO, CENTRAL ITALY: TAPHONOMY AND PALEOECOLOGY
- 3.4 Davit VASILYAN, Madelaine BÖHME, Viacheslav CHKHIKVADZE & Michael WINKLHOFER - PALAEOBIOGEOGRAPHY AND PALAEOCLIMATIC SIGNIFICANCE OF EURASIAN CENOZOIC GIANT SALAMANDERS - CRYPTOBRANCHIDAE (CAUDATA: AMPHIBIA)
- 3.5 Massimo DELFINO & Maria Adelaide ROSSI - FOSSIL CROCODYLIDS FROM SCONTRONE (EARLY TORTONIAN, ITALY) AND THE LATE MIOCENE MEDITERRANEAN CROCODYLID BIOGEOGRAPHY

10:40-11:30 **COFFEE BREAK**

11:30-12:50 **SESSION 4** - Chairman: *Sevket SEN*

- 4.1 Stephen J. GODFREY - THE MIOCENE VERTEBRATE FAUNA OF CALVERT CLIFF, MARYLAND, U.S.A.
- 4.2 Sam MATSON, Marco G. BENVENUTI, Oriol OMS, Mauro PAPINI & Lorenzo ROOK - PRIMATE TURNOVER IN THE BACCINELLO-CINIGIANO BASIN: STABLE ISOTOPE ANALYSES AND FAUNAL TURNOVER OF A LATE MIOCENE VERTEBRATE-BEARING SUCCESSION IN SOUTHERN TUSCANY (ITALY)
- 4.3 Simone COLOMBERO, Chiara ANGELONE & Marco PAVIA - PRELIMINARY DATA ON FOSSIL RODENTS FROM THE VERTEBRATE SITES MONCUCCO AND VERDUNO (POST-EVAPORITIC MESSINIAN, PIEDMONT, NW ITALY)
- 4.4 Maria Rita PALOMBO - SIZE CHANGE IN INSULAR MAMMALS: SCRUTINIZING ASSUMPTIONS OF A HOTLY DEBATED QUESTION

12:50-15:00 **LUNCH**

15:00-16:40 **SESSION 5** - Chairman: *Anastassios KOTSAKIS*

- 5.1 Matthijs FREUDENTHAL & Elvira MARTÍN-SUÁREZ - THE LATE MIOCENE COLONIZATION OF GARGANO AND SCONTRONE

- 5.2 Federico MASINI, Paolo Maria RINALDI, Andrea SAVORELLI & Marco PAVIA - A NEW SMALL MAMMAL ASSEMBLAGE FROM THE PIRRO 12 "TERRE ROSSE" FISSURE FILLING (GARGANO, SOUTHEASTERN ITALY)
- 5.3 Andrea SAVORELLI - NEW DATA ON THE GARGANO (APULIA) CRICETIDS FROM THE MIOCENE "TERRE ROSSE"
- 5.4 Boris VILLIER - NEW DISCOVERIES FROM GARGANO (APULIA, ITALY) ABOUT THE GIANT HEDGEHOG *DEINOGALERIX*
- 5.5 Marco PAVIA - FOSSIL BIRDS FROM THE NEOGENE OF THE GARGANO (APULIA, SE ITALY)

16:40-17:10 **COFFEE BREAK**

17:10-18:10 **SESSION 6** - Chairman: Matthijs FREUDENTHAL

- 6.1 Federico MASINI & Flaviano FANFANI - THE SMALL SIZED GALERICINI FROM F32 "TERRE ROSSE" FISSURE FILLING (GARGANO, SOUTHEASTERN ITALY) AND ITS BIOCHRONOLOGICAL IMPLICATIONS
- 6.2 Boris VILLIER & Lorenzo ROOK - CARNIVORES IN ISLAND FOSSIL RECORD: NEW DATA FROM GARGANO TERRE ROSSE FAUNAS
- 6.3 Paolo Maria RINALDI & Federico MASINI - PHYLOGENETIC RELATIONSHIPS OF GENUS *STERTOMYS* (GLIRIDAE) FROM THE "TERRE ROSSE" FISSURE FILLINGS (GARGANO, APULIA)

20:00 **GALA DINNER**

### **THURSDAY 3<sup>RD</sup> MARCH**

9:00-10:40 **SESSION 7** - Chairman: Lorenzo ROOK

- 7.1 Paul MAZZA - THE SYSTEMATIC POSITION OF HOPLITOMERYCIDAE REVISITED
- 7.2 Maria Rita PALOMBO, Pere BOVER & Roberto ROZZI - THE ENDEMIC BOVIDS FROM SARDINIA AND THE BALEARIC ISLANDS: THE STATE OF ART
- 7.3 Daniela E. WINKLER - DENTITION AND DIET: NEW 3D-METHODS HELP TO DISCOVER DENTAL ADAPTATIONS IN THE EXTINCT BOVID *MYOTRAGUS*
- 7.4 Antonella Cinzia MARRA, Nikos SOLOUNIAS, Giuseppe CARONE & Lorenzo ROOK - PIKERMIAN "GUESTS" IN THE LATE MIOCENE OF CALABRIA, SOUTHERN ITALY

7.5 Peter JONIAK - BIOSTRATIGRAPHICAL INTERPRETATION OF TUĞLU FORMATION IN ÇANKIRI BASIN (CENTRAL ANATOLIA, TURKEY) BASED ON NEWLY COLLECTED SMALL MAMMALS ASSEMBLAGES

10:40-11:20 **COFFEE BREAK**

11:20-12:50 **SESSION 8** - Chairman: *Paul MAZZA*

8.1 *Dawid Adam IURINO & Raffaele SARDELLA* - GEOGRAPHICAL DISTRIBUTION AND 3D RECONSTRUCTION OF THE LATE MIOCENE SABERTOOTHED CAT *AMPHIMACHAIRODUS EX GR. KABIR* (FELIDAE, MAMMALIA)

8.2 *Patrizia ARGENTI, Angela BALDANZA & Roberto BIZZARRI* - LONG-LASTING EARLY PLEISTOCENE CONTINENTAL SCENERY ACROSS THE TUSCAN-UMBRIAN BOUNDARY (CENTRAL ITALY): FAUNAL ASSEMBLAGES, SEDIMENTOLOGICAL FEATURES AND PALEOENVIRONMENTAL EVOLUTION

8.3 Marco CHERIN - THE EARLY PLEISTOCENE MAMMAL FAUNA FROM PANTALLA (PERUGIA, CENTRAL ITALY). PRELIMINARY DATA

8.4 Etta PATACCA & Paolo SCANDONE - INTRODUCTION TO THE FIRST POST-CONFERENCE EXCURSION

12:50-15:00 **LUNCH**

15:00-17:00 **GENERAL DISCUSSION** - Chairman: *Werner E. PILLER & Jordi AGUSTÍ*

20:00 **DINNER**

### **FRIDAY 4<sup>th</sup> MARCH**

9:30-17:00 - Visit to the Scontrone fossil site; detailed sections in the Miocene carbonate deposits of the *Lithothamnium* Limestone Formation in the Scontrone area.

### **SATURDAY 5<sup>th</sup> MARCH**

9:30-17:00 - Upper Oligocene-Messinian deposits of Majella (Bolognano Group, Gessoso-Solfifera Formation and *Congerina* Marls) and Porrara (Capo di Fiume section). The excursion is planned to end with a visit to the Alto-Aventino Geopaleontological Museum in Palena.