

# 1<sup>st</sup> International Conservation Symposium-Workshop



## Natural History Collections

A forum in Conservation, Restoration and Preparation

Barcelona-Spain 18-21 September 2013



National  
Museums  
Scotland



Smithsonian

Centre de Restauració i Interpretació Paleontològica

### Welcome to Barcelona, (Spain)

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The **Centre de Restauració i Interpretació Paleontològica CRIP** (Restoration and Interpretation Center of Paleontology) in **Els Hostalets de Pierola**, Barcelona. Is excited to host the **1<sup>st</sup> International Conservation Symposium-Workshop of Natural History Collections** in Barcelona (Spain) from the **September 18<sup>th</sup>-20<sup>st</sup> 2013**.

The main purpose of this **Symposium-Workshop** is to emphasize all those concepts related to **protection and conservation of Natural History Collections**.

Listening, discussing and learning with other natural science conservators and preparator-restorers is a great and unique opportunity that we offer for all professionals working in this field, so that our natural heritage gets managed in the best possible way. In this edition, we plan to cover:

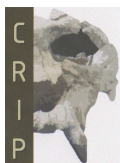
- Conferences by international professionals.
- Attendees' communications.
- Poster presentations.
- Practical classes and experience exchanges.

We would like to avoid all those theoretical lectures that are useful only for a few professionals working in this field. Our aim is to focus towards a practical point of view, which will achieve a better learning and gain international importance. For this reason, we will combine conferences given by an interdisciplinary team of conservators from world renowned collections. There will be time for attendees' communications, as well as poster presentations, in order to find global solutions.

Following the Symposium we propose producing a publication. All the talks, attendee's presentation and posters would be included.

## ORGANIZING COMMITTEE:

### Conveners:



**Sandra Val**

*Head Department of Conservation-Preparation.*

*Restoration and Interpretation Center of Paleontology CRIP*

*Barcelona Spain – [sval@crip.cat](mailto:sval@crip.cat)*



**Steven J. Jabo**

*Research Assistant/Preparator of Paleontology.*

*Smithsonian National Museum of Natural History*

*Washington USA- [jabos@si.edu](mailto:jabos@si.edu)*



**Vicen Carrió**

*Geological Conservator/Preparator*

*National Museums Scotland*

*Edinburgh Scotland – [v.carrio@nms.ac.uk](mailto:v.carrio@nms.ac.uk)*

### All Committee:

- For questions or comments contact:  
**Sandra Val** – [sval@crip.cat](mailto:sval@crip.cat)
- **Abstracts** of conferences, attendee's presentations and posters, as well as questions regarding them must be sent to:  
**Domingo López** Department of Conservation-Preparation CRIP – [dlopez@crip.cat](mailto:dlopez@crip.cat)
- **Articles** for publication, as well as questions regarding them must be sent to:  
**Sandra Val** – [sval@crip.cat](mailto:sval@crip.cat)
- **Logistic and Registration form**, as well as questions regarding them must be sent to:  
**Cheyenn Rotgers** – Department of Paleontology CRIP [chrotgers@crip.cat](mailto:chrotgers@crip.cat)
- **Logistic and Language corrections**, **Vicen Carrió**. [v.carrio@nms.ac.uk](mailto:v.carrio@nms.ac.uk)
- **Logistic**, **Judit Llopart**- Coordinadora Tècnica CRIP [jllpart@crip.cat](mailto:jllpart@crip.cat)

### Paleontologists Researchers:

**Dra. Soledad De Esteban Trivigno:** Academic and Researcher Department, Transmitting Science; Area de Paleobiología, Institut Catalán de Paleontologia. Sabadell, Spain

**Dr. Antonio García-Alix:** Postdoctoral Researcher Juan de la Cierva. Instituto Andaluz de Ciencias de la Tierra. Granada, Spain

**Andrés Santos:** Paleontology Researcher and Director of "Escuela Taller de Restauración Paleontológica IV", Gobierno de Aragón, Spain

**Cheyenn Rotgers:** Paleontology Researcher, Centre de Restauració I Interpretació Paleontològica CRIP, Barcelona Spain

**Raül Carmona:** Paleontology Researcher, Barcelona Spain

**Rubén García:** Paleontology Researcher, Barcelona Spain

**Elisabet Blaya:** Paleontology Researcher, Barcelona Spain

**Begoña Poza:** Paleontology Researcher, Consorci Ruta Minera, Cercs, Spain.

## Program 18<sup>th</sup> September



### PATI MANNING -Auditorio

Diputació de Barcelona C/ Montalegre, 7 -08001 Barcelona  
<http://www.diba.es/es/web/cerc/pati>



Metro -**Line 3** - Station Plaça Catalunya

- *Welcome reception.* – 18<sup>th</sup> September 2013
- *Conferences.* - 18<sup>th</sup> September 2013
- *Attendees' Presentations.* - 19<sup>th</sup> September 2013
- *Posters presentation*
- *Coffee break & lunch*

9:00h - 9:30h - **Welcome reception**

9:30h -10:00h - *Presentation - 1<sup>st</sup> International Conservation Symposium-Workshop*

*Sandra Val – Head of Department Conservation-Restoration Paleontology - CRIP*

*Vicen Carrió – Geological Conservator / Preparator - National Museums Scotland*

*Steven Jabo - Preparator of Paleontology - Smithsonian National Museum of Natural History*

**10:00h -10:30h Coffee break**

10:30h-11:30h - **Pamela B. Hatchfield**

*Pollutants in the Museum Environment: Minimizing damage in display and storage.*

*Head of Objects Conservation. Museum of Fine Arts, Boston USA*

**15'questions**

11:45h-12:45h - **Allyson Rae**

*Exploring the Common Ground Between Organic Artifacts and Natural History Specimens: We Share Problems - Can We Share Solutions?*

*Freelance Specialist Organic Artifacts Conservation. Conservator in The British Museum (1978-2006), London UK*

**15'questions**

**13.00h -14:30h - Lunch**

14:30h-15:30h- **Andrés Santos (Raquel Ferrer)**

*Techniques and products used for the conservation of the dinosaur Tracks*

*Researcher Paleontologist and Director of - "Escuela Taller de Restauración Paleontológica IV", Gobierno de Aragón, Spain.*

**15'questions**

15:45h-16:45h - **Steven J. Jabo**

*An Overview of Paleontological Techniques Used on Vertebrate Fossils.*

*Research Assistant/ Preparator of Paleontology – Smithsonian Institution National Museum of Natural History, Washington USA*

**15'questions**

**17.00h – Poster presentation**

**Program 19<sup>th</sup> September**

NAME	COMUNICACION	TIME
<b>Eleuterio Baeza</b>	<i>Head Department Conservation- Restoration Museo Geominero de Madrid- IGME (Spain)</i>	
	<i>“Conservation and Restoration of unstable mineral in Natural History Museum. Proposed intervention in the Mining Museum”</i>	9:00h
<b>Gali Beiner</b>	<i>Conservator of palaeontology and Natural History collections The Hebrew University of Jerusalem (Israel)</i>	
	<i>“Lifting the bones: On-site conservation work in Israel”</i>	9:30h

<b>Lucía López-Polín</b>	<i>Conservator-Restorer (Spain) Institut Català de Paleoeologia Humana I Evolució Social-IPHES</i>	
	“Conservation and Preparation at the IPHES: dealing with archaeological and palaeontological bones”	10:00h
<b>Joan Escudé</b>	<i>Conservator-Restorer Barcelona (Spain)</i>	
	“Amelioration of former preparation over dinosaur bones. Effects on material strength and aesthetic aspects”	10:30h
<b>Coffee Break 11:00h -11:30h</b>		
<b>Elena Moreno</b>	<i>Conservator-Restorer (Spain) Institut Català de Paleoeologia Humana I Evolució Social-IPHES</i>	
	“Conservation and preparation treatments of the archaeopalaeontological materials from lower pleistocene levels of sima del elefante site (Atapuerca, Spain): a felid skeleton in anatomical connection from TE9C level.”	11:30h
<b>Àngel Blanco</b>	<i>Curator-preparator archaeozoology Geotena, SL (Spain)</i>	
	“Use and management of the comparative collection of archaeozoology. Laboratory of Universitat Autònoma Barcelona”	12:00h
<b>Begoña Carrascosa</b>	<i>Researcher of Instituto de Restauración del Patrimonio –IRP Universidad Politécnica de València (Spain)</i>	
	“New stucco for reintegration of bone materials”	12:30h
<b>Gala Gómez</b>	<i>Conservator-Restorer (Spain) Institut Català de Paleoeologia Humana I Evolució Social- IPHES</i>	
	“Mammal fossil remains from Early Pleistocene sites of Orce (Granada, Spain) Conservation and Restoration methods, proceedings and results”	13:00h

**Lunch 13:30h - 15:00h**

<b>Bethany Palumbo</b>	<i>Conservator of Life Sciences Oxford University Museum of Natural History (UK)</i>	<i>“Once in a whale’: the conservation treatment of historic cetacean at the Oxford University Museum of Natural History”</i>	15:00h
<b>Pedro Viegas</b>	<i>Conservator-Preparator School of Earth Sciences, University of Bristol (UK)</i>	<i>“The Bristol Dinosaur Project – A Conservation and Preparation Overview”</i>	15:30h
<b>Souhila Roubach</b>	<i>Conservator-Restorer (Spain) Institut Català de Paleoecologia Humana i Evolució Social-IPHES</i>	<i>“Preparation of fossils reptiles from Pliocene site (Camp dels Ninots, Spain): application on tortoises”</i>	16:00h
<b>Andrés Santos</b>	<i>Director Escuela Taller de Restauración Paleontológica IV, Teruel (Spain)</i>	<i>“3D digital database: useful tool for digital preservation”</i>	16:30h
<b>Sandra Val</b>	<i>Head of Department Conservation-Restoration Centre Restauració i Interpretació Paleontològica – CRIP (Spain)</i>	<i>“The chemical preparation of fossils and bones”</i>	17:00h

## Program 20<sup>th</sup> September



Escola Superior de Conservació i Restauració de Béns Culturals de Catalunya. ESCRBCC

C/ Aiguablava, nº 109-113 - BARCELONA (08033)

<http://www.xtec.cat/escrbcc>



Metro - **Line 11** – Station Casa de l'Aigua

<http://www.xtec.cat/escrbcc/comarribar.htm>

- **4 Workshops** - 20 September 2013

- **Coffee break & lunch**

### Workshops:

**9:00h-10:00h - Presentation ESCRBCC - Director: Dr. Miquel Mirambell**  
**Breakfast coffee**

**10:00h-13:00h - Practical classes and experiences exchanges**

**1- "Creating padded cradles to protect fossil specimens"**

**Steven J. Jabo.** Preparator of Paleontology – Smithsonian National Museum of Natural History, Washington USA

**2- "Microenvironments and their use in the preservation of Natural History Collections"**

**Chris Collins** The Conservation Centre. Natural History Museum, London.

**3- "Forensic Facial reconstruction. Digital and classical approach"**

**Philippe Froesch** – VisualForensic – Reconstruction Forensic Art & Paleo Art, Terrassa, Spain

**4- "Cleaning and repair techniques for feathers"**

**Allyson Rae** Specialist in Organic Artifacts Conservation -UK

**13:00h-14:30h – Lunch**

**14:30h-17:30h – Practical classes and experiences exchanges:**

**1- "Creating padded cradles to protect fossil specimens"**

**Steven J. Jabo.** Preparator of Paleontology – Smithsonian National Museum of Natural History, Washington USA

**2- "Microenvironments and their use in the preservation of Natural History Collections"**

**Chris Collins** The Conservation Centre. Natural History Museum, London.

**3- "Forensic Facial reconstruction. Digital and classical approach"**

**Philippe Froesch** – VisualForensic – Reconstruction Forensic Art & Paleo Art, Terrassa, Spain

**4- "Cleaning and repair techniques for feathers"**

**Allyson Rae** Specialist in Organic Artifacts Conservation -UK

**19:00h - Closing meal & Visit - Natural Sciences Museum of Barcelona**

*Director: Anna Omedes*

*Head of Collections: Eulàlia García*



**NATURAL SCIENCE MUSEUM of Barcelona**

Plaça Leonardo da Vinci, 4-5 – (Parc Forum)-BARCELONA (08019)

[http://w3.bcn.cat/V65/Home/V65XMLHomeLinkPI/0,4555,418159056,1458630023\\_1,00.html](http://w3.bcn.cat/V65/Home/V65XMLHomeLinkPI/0,4555,418159056,1458630023_1,00.html)



Metro -**Line 4** – Station **El Maresme-Forum** (exit Rambla Prim)

- **Closing Meal** – 20 September 2013- (19:00h)

**Program 21<sup>th</sup> September**

**10:30h - (Optional) Visit - Restoration Center of Cultural Heritage of Catalonia**

Departament de Cultura Generalitat de Catalunya. **Director: Mrs. Àngels Solé**



**Centre de Restauració de Béns Mobles de Catalunya**

C/ Arnau Cadell, 30 – VALLOREIX

<http://www20.gencat.cat/portal/site/msi-cultura/menuitem.0a92779e390371ba411cb318b0c0e1a0/?vgnextoid=58e4293cf7e7c210VgnVCM1000008d0c1e0aRCRD&vgnnextchannel=58e4293cf7e7c210VgnVCM1000008d0c1e0aRCRD&vgnnextfmt=default>



Train FGC – **S1-S5-S55-S2** – Station **Valldoreix**

- **Optional visit-Laboratories of restoration CRBMC- 21 September 2013**



## Language

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The languages used during the 1<sup>st</sup> International Conservation Symposium – Workshop will be **Spanish and English**. There will be **simultaneous translation** in these two languages: Conferences & attendee's presentations, but the **workshops will be only in English**.

## Publication

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Following the Symposium we propose producing a publication. All the talks, attendee's presentation and posters would be included in a paper format. We will do a special edition, monograph, of the **1st International Conservation Symposium-Workshop**, in the **Journal of Paleontological Techniques**.

[www.jpaleontologicaltechniques.org](http://www.jpaleontologicaltechniques.org)



**Deadline to submit a paper: 22nd November 2013**

All the reviews should be back at the **beginning of December to allow publication in early 2014.**

link to **Author guidelines:**

<http://www.jpaleontologicaltechniques.org/pasta1/Call%20For%20articles.html>

Contact and paper submission: [tschopp.e@gmail.com](mailto:tschopp.e@gmail.com)

**DO NOT FORGET TO SEND US BACK THE FORM INDICATING IF YOU ARE INTERESTED IN PUBLISH YOUR ARTICLE TO: [sval@crip.cat](mailto:sval@crip.cat)**

The organizing committee thanks the all these institutions, for their special contribution to the realization of this event.

