

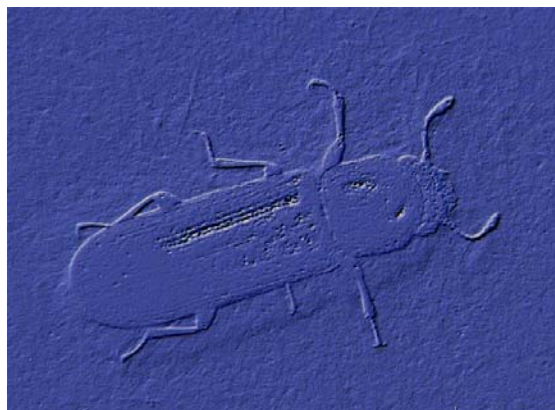


Sede di Piacenza

CPBC

Centro per la Protezione
dei Beni Culturali
dagli Organismi Dannosi

Meeting on Cultural Heritage Pests



June 7-9 2011

Università Cattolica del Sacro Cuore
Via Emilia Parmense, 84
29122 Piacenza
Italy

Session	Presentations	Speakers	Affiliation
07 June	Opening of the Meeting		
16,00	Official greetings		
16,30	Opening lecture: Art meaning and conservation in different human cultures	Alberto Salza	Anthropologist, Italy
17,00	Opening lecture: The likes and dislikes of microbes - deterioration of cultural heritage and interaction with insect pests	Katja Sterflinger	University of Natural Resources and Life Sciences, Austrian Center of Biological Resources and Applied Mycology (ACBR) Vienna, Austria
17,30	Visit to Collegio Alberoni		
08 June	Cultural heritage pests: functional morphology, biology and physiology, cycle, ethology and mode of attack	Chair person: Uwe Noldt	
9,30	Opening lecture: Adaptations in wood insects	<u>Elisabetta Chiappini</u>	Istituto di Entomologia e Patologia vegetale, Università Cattolica di Piacenza, Italy
10,00	Characterization of microbial communities colonizing insect infested books by molecular biology	<u>Franco Palla</u>	Department Environmental Biology and Biodiversity, University of Palermo, Italy
10,15	Bacteria, fungi and arthropods pests collected on modern human mummies	F. Palla - L. Sineo - <u>Barbara Manachini</u>	Department Environmental Biology and Biodiversity, University of Palermo, Italy
10,30	<i>Stegobium paniceum</i> sensilla	<u>Roberto Romani</u> - N. Isidoro - E. Chiappini	Dipartimento di Scienze Agrarie e Ambientali - Area Entomologia, Facoltà di Agraria - Università di Perugia, Italy
10,45	An attempt to reconstruct the natural and cultural history of the webbing clothes moth <i>Tineola bisselliella</i> (Lepidoptera: Tineidae)	<u>Rudy Plarre</u> - B. Krueger-Carstensen	BAM, Federal Institute for Materials Research and Testing, Berlin, Germany
11,00	A database devoted to the Insects of Cultural Heritage	<u>Fabien Fohrer</u>	Michel Martinez and Franck Dorkeld (INRA-CBGP), France
11,15	Damage by insects pests to the Djingarey Ber Mosque in Timbuktu: detection and control	<u>Lara Maistrello</u> - J. D'Ilario - G. Bicheron - C. Bouleau	Department Agricultural & Food Sciences, Univ. Modena & Reggio Emilia, Reggio Emilia, Italy
11,30	Coffee Break		

12,00	Workshop: IPM	Chair person: Lisa Nilsen	
	A European standard for IPM - is it possible?	<u>Lisa Nilsen</u>	Conservator, Stockholm, Sweden
	Discussion		
13,15	Lunch		
08 June	Monitoring techniques	Chair person: David K. Mueller	
14,30	Opening lecture: Pheromones: Thirty years of experiences to share in 30 minutes	<u>David K. Mueller</u>	Insects Limited - Inc. Westfield Indiana - USA
15,00	Semiochemical-Based Strategies for Old-House Borer, <i>Hylotrupes bajulus</i> (Coleoptera: Cerambycidae)	<u>Gadi V.P. Reddy</u>	Western Pacific Tropical Research Center, University of Guam, Mangilao, Guam, USA
15,20	StegoGIS : a geographical information system for a better understanding and preventing infestation risks applied in cultural heritage	<u>Katia Baslé</u> - O. Guillon - F. Fohrer - D. Floréal	Cicrp (Centre interrégional de conservation et restauration du patrimoine) Marseille, France
15,35	Efficacy evaluation of light traps for wood borers monitoring	<u>Paola Molinari</u> - A. Berzolla - E. Chiappini - F. Molinari	Istituto di Entomologia e Patologia vegetale, Università Cattolica di Piacenza, Italy
15,50	Out-door trapping and genetically characterization of populations of the webbing clothes moth <i>Tineola bisselliella</i> (Lepidoptera: Tineidae) in the broader area of Berlin	<u>Bianca Krueger-Carstensen</u>	BAM, Federal Institute for Materials Research and Testing, Berlin, Germany
16,05	Which strategies are used against insects pests: survey in 120 institutions of public heritage.	<u>Grazia Nicosia</u>	Conservator, Avignone, France
17,00	Excursion		
20,30	Social Dinner		

09 June	Control Methods	Chair person: Rudy Plarre	
9,30	Opening lecture: Biological control of cultural properties pests	<u>Matthias Schöller</u>	Biologische Beratung, Storkower Str. 55, 10409 Berlin, Germany
10,00	Using parasitoid wasps in Integrated Pest Management in museums against biscuit beetle and clothes moth infestations	P. Querner - <u>Stephan Biebl</u>	University of Natural Resources and Applied Life Sciences Department of Integrated Biology and Biodiversity Research, Vienna, Austria
10,15	Integrated Pest Management (IPM) of the drug store beetle, <i>Stegobium paniceum</i> , a serious pest of vintage books	<u>Stanislaw Ignatowicz</u> - K. Janczukowicz - P. Olejarski	Institute of Nuclear Chemistry and Technology, Dorodna Warsaw, Poland
10,30	Ten years of Integrated Pest Management (IPM) at the Kunsthistorisches Museum Vienna	<u>Pascal Querner</u> - M. Morelli - E. Oberthaler - M. Strolz - K. Schmitz von Ledebur - I. Zatschek - A. Femi-Mebarek - R. Hölzl - I. Engelhardt - J. Diehl - M. Griesser	University of Natural Resources and Life Sciences Department of Integrated Biology and Biodiversity Research Institute of Zoology, Vienna, Austria
10,45	Use of low temperatures for cultural heritage protection	Silvia Gariboldi - <u>Maria Cristina Reguzzi</u> - E. Chiappini	Istituto di Entomologia e Patologia vegetale, Università Cattolica di Piacenza, Italy
11,00	Coffee Break		
		Chair person: Matthias Schöller	
11,15	Controlled atmospheres against insect pests in museums	<u>Alessia Berzolla</u> - P. Molinari - M. C. Reguzzi - E. Chiappini	Istituto di Entomologia e Patologia vegetale, Università Cattolica di Piacenza, Italy
11,30	Fumigation and IPM Alternatives for Arthropod Pests of Museums	<u>Thomas Phillips</u>	Department of Entomology, Kansas State University, Manhattan, KS, USA
11,45	Research program on four alternative gases to act as substitute for methyl bromide in cultural heritage disinsectisation in historical monuments	<u>Katia Baslé</u> - D. Floréal - J. Fritsch - I. Queixalos - L. Robbiola	Cicrp (Centre interrégional de conservation et restauration du patrimoine) Marseille, France

12,00	Fumigation of churches and museums using Sulfuryldifluoride, with Nitrogen in Bubbles with Nitrogen in chambers	<u>Gerhard Binker</u>	Binker Materialschutz GmbH, Germany
12,15	Application of radiation methods to preservation of cultural heritage	<u>Dagmara Chmielewska</u> - U. Gryczka - M. Wojciech - S. Ignatowicz	University of Life Sciences-SGGW, Nowoursynowska Warsaw, Poland
13,00	Lunch		
09 June	Control Methods	Chair person: Matthias Schöller	
14,30	Opening lecture: Use of phytochemicals for the control of insect pests	<u>Eli Shaaya</u>	Department of Stored Products, Agricultural Research Organization The Volcani center, Bet Dagan, Israel
15,00	Combined effect of <i>Azadiracta indica</i> and entomopathogenic nematodes against subterranean termites <i>Reticulitermes flavipes</i>	<u>Kadarkarai Murugan</u> - C. Vasugi	Department of Zoology, Bharathiar University, Coimbatore, India
15,15	Evaluation of polyphenols-rich natural compounds as treatments to prevent attacks by subterranean and drywood termites	<u>Lara Maistrello</u> - L. Martini - I. Macias-Pavon - S. Bortolini - N. Marchettini	Department Agricultural & Food Sciences, Univ. Of Modena & Reggio Emilia, Reggio Emilia, Italy
15,30	Coffee Break		
		Chair person: Rudy Plarre	
15,45	Evaluation of Three Baits against Subterranean Termites attacking historical structures in Iran	<u>Behzad Habibpour</u>	Department of Entomology, College of Agriculture, Shahid- Chamran University, Ahwaz, Iran
16,00	Impregnation of wood with metal chelates dissolved in organic or aqueous media against termites	L. Maistrello - <u>Alessia Berzolla</u> - I. Macias-Pavon - F. Vignali - G. Predieri - E. Chiappini	Department Agricultural & Food Sciences, Univ. Of Modena & Reggio Emilia, Reggio Emilia, Italy
16,15	<i>Reticulitermes urbis</i> in Bagnacavallo (Ravenna, Northern Italy): a 15-year experience in termite control	R. Ferrari - S. Ghesini - <u>Mario Marini</u>	Dipartimento di Biologia Evoluzionistica Sperimentale, Università di Bologna, Italy
17,00	Closure of the meeting		