



**Conference on the Environmental Archaeology of European Cities (CEAEC)
27th-29th May 2015**

Final Program

Oral Sessions

First day: Wednesday, 27.05.2015

8.45-9.30	Registration and welcome
ORAL SESSION 1	chair:
9.30-9.40	Welcome from the Director of RBINS
9.40-9.50	Ann Degraeve: introductory lecture (conference aims, state of the art - purpose of the conference)
9.50-10.00	Opening remarks (general info - practical arrangements)
10.00-10.30	KEY NOTE Gian Pietro Brogiolo and Alexandra Chavarria (University Padua) The archaeology of the Early medieval city: state of research and future perspectives
10.30-10.50	Richard I Macphail (Institute of Archaeology, University College London) Modelling European ancient settlements – their composition and morphology: the state of the science employing contributions from
10.50-11.10	Rowena Banerjea, Monika Badura, Alexander Douglas Brown, Uldis Kalējs, Aleksander Pluskowski (University of Reading) Spatial and chronological variations in urban activities within the indigenous quarter in medieval Rīga, Latvia
11.10-11.40	Break (+ poster session)
ORAL SESSION 2	chair:
11.40-12.05	INVITED Cleia Detry (University of Lissabon) Is there a difference between the capital and smaller villages in Roman Lusitania
12.05-12.25	Leif Jonsson (Gothenburg Museum of Natural History) and Emma Maltin (Bohusläns Museum) Theory and practice of archaeozoology in the town of Nya Lödöse (1474-1624 AD) in western Sweden
12.25-12.45	Marcos Garcia-Garcia (University of Granada) The provisioning of animal products to urban sites in medieval Islamic Iberia: the cases of Córdoba and Madinat Ilbira (Granada)
12.45-13.45	Lunch
ORAL SESSION 3	chair:
13.45-14.10	INVITED Sheila Hamilton-Dyer (Bournemouth University) Fish, fur and feather: exploitation of wild animals in medieval Novgorod
14.10-14.30	Ieva Reklaityte Pestilences occur much more frequently in densely populated cities: surviving within the Urban Environment of medieval Spain
14.30-14.50	Barbara Veselka (Leiden University) Regents and the rich: the lives and deaths of the Gouda elite in post-medieval Netherlands
14.50-15.10	Anna Kubica-Grygiel (Jagiellonian University), Gundula Müldner (University of Reading) On the verge of great changes. Illuminating the lives of the people of Malopolska at the end of the Early Middle Ages
15.10-15.40	Break + poster session
ORAL SESSION 4	chair:
15.40-16.05	INVITED Jaromir Benes (University of South Bohemia) From rural landscape to the royal urbanisation. Changing environment of Prague from the Early Medieval period to the Early Modern times
16.05-16.25	Andrea Brock (University of Michigan) Floodplain Habitation and Landscape Modification in Early Rome
16.25-16.45	Yannick Miras, Paul M. Ledger (University Blaise Pascal); Laurie Flottes (Muséum national d'Histoire naturelle, Paris); Manon Cabanis (University Blaise Pascal); Matthieu Poux (University Lyon 2); Pierre-Yves Milcent Traces (Université Jean-Jaurès); Alfredo Mayoral (University Blaise Pascal); Jean-François Berger (University Lyon 2), Jean-Luc Peiry, Aude Beauger, Franck Vautier (University Blaise Pascal); Véronique Zech-Matterne (Muséum national d'Histoire naturelle, Paris) Landscape changes and the palaeoenvironmental impacts of proto-urbanisation at the Gallic Oppidum of Corent, Auvergne, France
17.00	End of the first day



Second day: Thursday, 28.05.2015

9.00	Start of the second day
ORAL SESSION 5	chair:
9.00-9.30	KEYNOTE Chris Dyer (University of Leicester) Historical and archaeological evidence for the rural hinterlands of medieval English towns
9.30-9.50	James Morris (University of Central Lancashire) and Karen Stewart (Museum of London Archaeology) From the exotic to the mundane: London and its role in food globalization
9.50-10.10	David Germinet (Service d'archéologie préventive de Bourges plus) A 13th century "Neatsfoot" oil factory at Bourges
10.10-10.30	Pam Crabtree, Dr. (Department of Anthropology, New York University, USA), Eileen Reilly, Dr. (School of Archaeology, University College Dublin, Ireland); Tim Bellens and Anne Schryvers, (Urban Archaeology Department, City of Antwerp, Belgium) Beetles and bones: Faunal remains as indicators of the relationship between pre-urban Antwerp and its hinterland
10.30-11.00	Break + poster session
ORAL SESSION 6	chair:
11.00-11.25	INVITED Antonia Huyzendveld-Arnoldus The landscape environment of Rome in Antiquity
11.25-11.45	Yannick Devos, Cristiano Nicosia, Luc Vrydaghs (Centre de Recherches en Archéologie et Patrimoine, Université libre de Bruxelles); Lien Speleers, Clara Boffin, Elena Marinova (Royal Belgian Institute of Natural Sciences); Sylvianne Modrie, Ann Degraeve (Heritage Department, Brussels Urban Development, Brussels Regional Public Service) An integrated approach to study complex urban site stratigraphy in Brussels: a state of the art
11.45-12.05	Quentin Borderie (Conseil général d'Eure-et-Loir UMR 7041 - ArScAn "Archéologies Environnementales", France), Cristiano Nicosia (centre de Recherches en Archéologie et Patrimoine, Université libre de Bruxelles) and Anne Gebhardt (INRAP, UMR 7362 – LIVE Université de Strasbourg, France) A geoarchaeological study of Dark Earths from Metz (Lorraine, France)
12.05-12.25	Pümpin, C. and Rentzel, P. Dark earth research in Basel and the adjacent region
12.25-12.45	Barbora Wouters (Vrije Universiteit Brussel; University of Aberdeen), Yannick Devos (Université Libre de Bruxelles) and Karen Milek (University of Aberdeen) and Bart Bartholomieux (archaeologist at Monument Vandekerckhove nv) Dark earth and the market place: a soil micromorphological study of urban stratigraphy (Lier, Belgium)
12.45-13.45	Lunch
ORAL SESSION 7	chair:
13.45-14.10	INVITED Julian Wiethold (INRAP) Archaeobotanical approaches to late medieval and early modern diet and plant use - examples from Metz (France) and Lüneburg (Germany)
14.10-14.30	Lisa Lodwick (University of Oxford) The development of an urban food economy at Late Iron Age and Roman Silchester Insula IX
14.30-14.50	Daniel Makowiecki (Nicolaus Copernicus University) A zooarchaeological history of Gdansk and Poznan
14.50-15.10	Anton Eryvynck (Flemish Heritage Agency) and Wim Van Neer (Royal Belgian Institute of Natural Sciences) The Household and the City. Levels of interpretation of urban meat and fish consumption in the medieval and postmedieval Low Countries
15.10-15.40	Break + poster session
ORAL SESSION 8	chair:
15.40-16.05	INVITED Anna-Elena Reuter (RGK-Mainz/Kiel University) Walnuts, Grapevine and Rye - Urban Food Production and Consumption of the Early Byzantine City Caricin Grad "Justiniana Prima" (Southern Serbia)
16.05-16.25	Daniela Marcu Istrate (Damasus Archaeology, Brasov) and Annamaria Diana (University of Edinburgh) Unearthing the Medieval past of Romanian cities: Recent urban excavations in Braşov/Kronstadt (Romania)
16.25-16.45	Daniela Rovina (Soprintendenza Beni Archeologici di Sassari e Nuoro), Laura Biccione (collaboratore Soprintendenza Beni Archeologici di Sassari e Nuoro) Urban archaeology in Sassari and the medieval well of Via Sebastiano Satta. From digging to the research project.
17.00	End of the second day



Third day: Friday, 29.05.2015

9.00	Start of the third day
ORAL SESSION 9	chair:
9.00-9.30	KEY NOTE Gundula Müldner (University Reading) The Personal Life: Bioarchaeological Perspectives on City Living
9.30-9.50	Rachel Schats (Leiden University) The impact of urban living: Changes in disease, activity, and diet as a result of urbanisation in the Medieval Netherlands
9.50-10.10	Asya V. Engovatova, Ganna I. Zaitseva , Maria V. Dobrovolskaya (Russian Academy of Sciences) The dietary conditions and quality of life in Medieval Russian towns, prior to the Mongolian invasions as indicated by isotopic analyses
10.10-10.30	Davina Craps (Durham University), Rebecca Gowland (Durham University) Either Side of the River: Joint Disease in Two Post-Medieval Urban Populations from Northern England
10.30-11.00	Break + poster session
ORAL SESSION 10	chair:
11.00-11.25	INVITED Roos van Oosten (University of Leiden) Dealing with surplus production of human faeces from towns during the pre-industrial period in the Low Countries
11.25-11.45	Liisa Seppänen (Turku University, Finland) Urban Sanitation in the Medieval North – New Conceptions of Dirty Turku
11.45-12.05	Mary Ruddy and Karen Stewart (Museum of London Archaeology) How London’s rivers shaped the city and the city shaped its rivers: An archaeology of the Walbrook channel
12.05-12.25	David C. Orton (University of York), James Morris (University of Central Lancashire) and Stephanie Ostrich (Museum of London Archaeology) Catch-per-unit-research-effort: calibrating urban ecofactual data for research intensity
12.25-12.45	Isabelle Gillot (Université Nice), Lise Damotte (Service Archéologie de la Ville de Nice), Yann Codou (Université Nice), Marc Bouiron (Service Archéologie de la Ville de Nice), C. Delhon (Université Nice) Fuel for bell manufacturing in the Middle Ages: some examples in the Provence region (France)
12.45-13.45	Lunch
ORAL SESSION 11	chair:
13.45-14.15	KEY NOTE Richard Hoffmann (York University, Toronto) At the crossroads inside the wall: environmental perspectives on urban archaeology
14.15-14.35	Jens Heimdahl, Karin Lindeblad & Annika Nordström (Swedish National Heritage Board) The cultivated town – another perspective on urban life in medieval and early modern times
14.35-14.55	Joanna Świąta-Musznicka and Małgorzata Latałowa (University of Gdansk) The natural conditions of the medieval settlement in Gdansk and the impact of town development on the natural environment transformations
14.55-15.15	Millena Frouin and Gilles Deborde (Inrap) Conditions of urbanisation of a palustrine environment at Troyes near the confluence of the Seine and the Vienne Rivers
15.15-15.30	Break + poster session
ORAL SESSION 12	chair:
15.30-15.50	INVITED Koen Deforce (Onroerend Erfgoed) A taphonomic mix up - The interpretation of pollen spectra from medieval and post medieval cesspits
15.50-16.10	Eileen Reilly, Dr. (School of Archaeology, University College Dublin, Ireland) Living conditions in Viking age Dublin, Ireland, through analysis of insect remains and intestinal parasites
16.10-16.30	Günther Karl Kunst (University of Vienna), Herbert Böhm (University of Vienna) Pathways of food waste: intra-site variability of faunal remains in a Roman insula at Carnuntum (Lower Austria)
16.30-16.45	Concluding remarks
17,00	End of the last day



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Poster Session

Mark Brisbane (Bournemouth University, UK)	Modelling the impact of the City of Novgorod on its forests
Emmy Nijssen (BAAC vlaanderen, Belgium)	Cattle cranial waste from Medieval Ghent
Barbara Wilkens (University of Sassari, Department of Environmental Sciences, Italy)	The medieval city as a natural environment: the case of Sassari (northern Sardinia)
Elisabetta Grassi (Università di Sassari, Dipartimento di Scienze della Natura e del Territorio, Italy)	Faunal remains from Sassari (Sardinia, Italy). An urban archaeozoology case study
Nikolai Shcherbakov, Tatiana Leonova, Iia Shuteleva (Bashkir State Pedagogical University, Laboratory of Methodology and Methods of Humanitarian Research, Republic Bashkortostan), Alexandra Golyeva (Institute of Geography, Russian Academy of Science, Moscow, Russia)	Anthropogenic factor of landscape change in the process of early urbanization on the territory of Southern Transurals
Emma Maltin & Leif Jonsson (Gothenburg Museum of Natural History / LJ - Osteology & Bohusläns Museum, Sweden)	Pigs, waste management and trade with animal products – some results from the excavation of the town of New Lödöse, Sweden
Clara Boffin (Royal Belgian Institute of Natural Sciences, Belgium); Liesbeth Troubleyn (Archaeology Service at Stad Mechelen, Belgium), Frank Kinnaer (Archaeology Service at Stad Mechelen, Belgium)	Craft and industry involving animal bone and horn in medieval Mechelen. The case study of Ganzendries.
Svetlana V. Khamnueva, Jann Wendt, Andrey V. Mitusov, Hans-Rudolf Bork (Institute for Ecosystem Research Christian-Albrechts-University of Kiel, Germany)	Phases of erosion and deposition in the Viking-settlement Hedeby (Northern Germany) since the early medieval period
Filipe Costa Vaz (CIBIO – Research Center in Biodiversity and Genetic Resources, Universidade do Porto, Portugal), Maria Martín-Seijo (Universidade de Santiago de Compostela, Spain), João Pedro Tereso (CIBIO – Research Center in Biodiversity and Genetic Resources, Universidade do Porto, Portugal)	ArchWood - A Database as a tool to record, manage and interpret archaeological uncharred wooden remains
João Pedro Tereso (CIBIO – Research Center in Biodiversity and Genetic Resources, Universidade do Porto, Portugal), Lídia Fernandes (Câmara Municipal de Lisboa, Museu do Teatro Romano - Museu da Cidade, Portugal)	Sheaves for animals? A case from Lisbon (Portugal) in the 1st of November of 1755
Laurent Deschodt (INRAP & CNRS UMR 8591, France)	L'île before Lille: what can a geological map tell us about an obscure site and its birth as a city?
Marieke Gernay (Durham University, UK)	Urban Health in Late Medieval North-West Europe: A bioarchaeological comparison of England, France and Belgium
Jérôme Brenot (Éveha, Troyes, France), Cristiano Nicosia (Université Libre de Bruxelles, Belgium), Isabelle CAILLOT (Éveha, Troyes, France)	Where is the swamp in "Le Marais", Paris ? Geoarchaeological data from the Carreau du Temple excavation and the Paris floodplain
Arianna Commodari (University of Nice Sophia Antipolis, France)	The construction of hydrographical network in the plain of Pisa over the centuries
Lynn Arslan Pitcher (Soprintendenza ai Beni Archeologici, Italy), Elisabetta Castiglioni, Mauro Rottoli (Laboratorio di Paleobotanica - Museo di Como, Italy); S. Di Martino, P. Andreatta (Università degli Studi di Milano, Italy)	Cremona, piazza Marconi - an environmental reconstruction through excavation
Barbara Maria Sageidet (University of Stavanger, Norway)	The oldest history of the city of Stavanger, elucidated by soil micromorphology
Vaidotas Suncovas (Department of Archaeology, Vilnius University, Lithuania)	Diet of Medieval Vilnius populations: evidence from dental calculus



Giovanna Bosi, Rossella Rinaldi, Maria Chiara Montecchi, Anna Maria Mercuri, Federica Maria Riso, Delia Fanetti, Marta Bandini Mazzanti (Laboratorio di Palinologia e Paleobotanica – Dipartimento di Scienze della Vita – Università di Modena e Reggio Emilia, Modena, Italy)	Fish & Plants! Archaeobotanical Analyses in a Roman Tub
Jessica Palmer (Leiden University, Netherlands), Kim Quintelier (Flanders Heritage Agency, Belgium)	Childhood disease in the post-medieval urban skeletal assemblage of Aalst Hopmarkt
Cristiano Nicosia (Centre de Recherches en Archéologie et Patrimoine, ULB, Belgium), Brunella Bruno, Soprintendenza per i beni archeologici del Veneto - Nucleo operativo di Verona, Italy), Paola Fresco (MULTIART Soc. Coop., Verona, Italy)	Post-Roman change in the use of the urban space: an example from Verona (Italy)
Luc Vrydaghs, Yannick Devos and Cristiano Nicosia (Centre de Recherches en Archéologie et Patrimoine, ULB, Belgium)	Phytolith analysis of archaeological soil thin section in urban contexts. The example of the Brussels (Belgium)
Jessica Bryan, Senior Archaeologist (MOLA (Museum of London Archaeology), UK)	A waterfront site in the City of London
Virgil Yendell, Senior Geoarchaeologist (MOLA (Museum of London Archaeology), UK)	A relic route of the Thames and a tug of war between river, industry and settlement in Nine Elms, London
Alison Telfer and Ken Pitt (MOLA (Museum of London Archaeology), UK)	The upper Walbrook stream at 8–10 Moorgate: Roman approach to tackling wet conditions
Idoia Grau-Sologestoa (University of Nottingham, UK)	The zooarchaeology of late and post-medieval Basque towns Abstract
Kristopher Poole (University of Sheffield, UK)	Sustaining souls or informing identity? Reassessing the roles of animals in human graves from Romano-British towns
Gabriele Soranna (Dipartimento Scienze dell'Antichità, Università "La Sapienza", Rome, Italy)	"Dumping off the bone": a sample of faunal remains from Palatine NE slope, Rome (Italy)
Paulo Charruadas (Centre de Recherches en Archéologie et Patrimoine, ULB, Belgium), Lien Speleers, Clara Boffin (Royal Belgian Institute of Natural Sciences, Belgium), Luc Vrydaghs, Yannick Devos, Cristiano Nicosia (Centre de Recherches en Archéologie et Patrimoine, ULB, Belgium)	Food production and consumption in Brussels (10th-15th century AD)
James Morris (University of Central Lancashire, UK)	Animals in a west end town: animal palaeopathology from Roman London
Karen Milek (Department of Archaeology, School of Geosciences, University of Aberdeen, UK), Barbora Wouters, aspirant FWO (Vrije Universiteit Brussel, Belgium & University of Aberdeen, UK) Charly French (Division of Archaeology, University of Cambridge, UK), Dagfinn Skre (Department of Archaeology, University of Oslo, Norway)	A re-interpretation of the built environment of Viking Age Kaupang, Norway - the contribution of soil micromorphology
Bart Bartholomieux, Veerle Hendriks, Lisa Van Ransbeeck (Monument Vandekerckhove nv, Belgium)	Archaeological excavation of the Grote Markt in Lier
Andreas G. Heiss, Michaela Popovtschak & Ursula Thanheiser (University of Vienna, Vienna Institute for Archaeological Science (VIAS), Austria)	Of Supply and Disposal – Plant remains from cesspits and sewers in the Roman settlement of Carnuntum (Lower Austria)
Thierry Argant (Éveha - Archaeological Research and Investigations, France)	These animals who describe the town evolution : Lyon (France) as a case.
Katrien Van de Vijver (Center for Archaeological Sciences KU Leuven, Belgium)	Study of palaeopathological lesions in lime burials from a medieval and post-medieval cemetery in Mechelen, Belgium
Olivier Collette (Direction de l'Archéologie, DGO4-SPW, Belgium)	The location and development of the town of Mons and its wards: a geomorphological approach
Frank Kinnaer (Stad Mechelen, Dienst Archeologie); Paul Temmerman (Stad Mechelen, Dienst Openbare Werken)	The pre-urban hydrography of Mechelen
Frank Kinnaer (Dienst Archeologie, Stad Mechelen)	Distribution of trades in Mechelen in the Middle Ages



<p>Elisa Pleuger (UR Argiles, Géochimie et Environnements sédimentaires (AGEs), Université de Liège, Belgium), Hakim Abichou (Laboratoire de Cartographie Géomorphologique des Milieux, des Environnements et des Dynamiques, Tunis 1007, Tunisia) ; Ahmed Gadhoun (Département d'Archéologie Sous-Marine, Institut National du Patrimoine, Tunis, Tunisia), Jean-Philippe Goiran (Maison de l'Orient et de la Méditerranée, CNRS UMR 5133,69007 Lyon, France) ; Josephine Quinn (Worcester College, University of Oxford, Oxford, UK), Elizabeth Fentress (Worcester College, University of Oxford, Oxford, UK) ; Andrew Wilson (Institute of Archaeology, University of Oxford, Oxford, UK) ; Imed Ben Jerbania (Institut National du Patrimoine, Tunis, Tunisia) ; Nathalie Fagel (UR Argiles, Géochimie et Environnements sédimentaires (AGEs), Université de Liège, Liège, Belgium).</p>	<p>Geoarchaeology of the ancient city of Utica (Tunisia) and evolution of the palaeoenvironment of the Medjerda delta</p>
<p>Alexandra Golyeva, Asia Engovatova (Institute of Geography and Institute of Archaeology, Russian Academy of Science, Russia)</p>	<p>Cultural layers and soils for palaeoenvironmental reconstruction the beginning of Sergievo-Posadsky Lavra</p>
<p>Tzvetana Popova (Institute of archaeology and Museum Sofia, Bulgaria)</p>	<p>Environment and plant economy during the 4 century in Serdica. Case study of <i>Trigonella foenum- graecum</i> L.</p>
<p>Lien Speleers (Royal Belgian Institute of Natural Sciences, Belgium), Jan M.A. van der Valk (School of Anthropology and Conservation, University of Kent, UK)</p>	<p>Plant use in Medieval and Post-Medieval Brussels, an overview of the macrobotanical records</p>
<p>Kim Quintelier (Flanders Heritage Agency, Royal Belgian Institute of Natural Sciences), Moro G. (Università Ca' Foscari), Palmer J. (Leiden University), Bonafini M. (Royal Institute for Cultural Heritage) and Boudin M. (Royal Institute for Cultural Heritage)</p>	<p>Exploring social variability by ($\delta^{13}C$ and $\delta^{15}N$) stable isotope ratio analysis within the monastic and lay population buried at at Carmelite friary (16th–18th c. AD) in Aalst</p>
<p>Vanessa Bähr (Goethe Universität, Frankfurt), Barbara Eichhorn (Goethe Universität, Frankfurt), Astrid Röpke (Goethe Universität, Frankfurt)</p>	<p>Burnt building structures on the Bernstorf hill (Upper Bavaria, Germany) – an integrated research</p>
<p>Annamaria Diana, PhD candidate in Human Osteoarchaeology, University of Edinburgh; Dr Daniela Marcu Istrate, DAMASUS Archaeology Brasov (Romania)</p>	<p>Human osteoarchaeological analysis of skeletal remains from The Black Church cemetery (Braşov, Romania), 13th-19th century AD</p>
<p>Koen Deforce (Royal Belgian Institute of Natural Sciences, Brussels, Belgium)</p>	<p>Wood use in a growing medieval city. The overexploitation of woody resources in Ghent (Belgium) between the 10th and 12th c. AD</p>
<p>Quentin Goffette (Royal Belgian Institute of Natural Sciences), Sophie De Bernardy De Sigoyer (Service Public de Wallonie), Marceline Denis (Service Public de Wallonie), Wim Wouters (Royal Belgian Institute of Natural Sciences)</p>	<p>Subsistence and small craft production: comparison of two Early Medieval settlements from Southern Belgium (Huy and Quaregnon)</p>
<p>Lenka Lisá (Institute of Geology ASCR, v. v. i., Kuchařík Milan, Labrys o. p. s.), David Parma (Archaeology Heritage Institute, Brno)</p>	<p>To be floor or not to be floor? Micromorphological investigation of occupation layers</p>
<p>Maria Concetta Parello, Maria Serena Rizzo (Parco Valle dei Templi, Agrigento, Italy), Cristiano Nicosia (ULB)</p>	<p>New insights on the deposits of the area of the so-called "Temple of Isis" in Agrigentum (Sicily, Italy)</p>
<p>Fabienne Pigière & Wim Wouters (Royal Belgian Institute of Natural Sciences)</p>	<p>Social stratification as indicated by diet at the late medieval and the early modern town of Namur</p>
<p>Rob Batchelor, C.P. Green, D.S. Young & A. Clark (Quest, reading University)</p>	<p>Reconstructing former floodplain landscapes in the Lower Thames Valley (London, UK)</p>
<p>Merit Hondelink (Rijksuniversiteit Groningen)</p>	<p>Searching for clues: processing-wear analysis on waterlogged preserved sub-fossil edible plant remains</p>