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BANE A 2017

Grand Challenges and Blue Skies
in the Study of the Ancient Near East

University of Glasgow, 4-6 January 2017

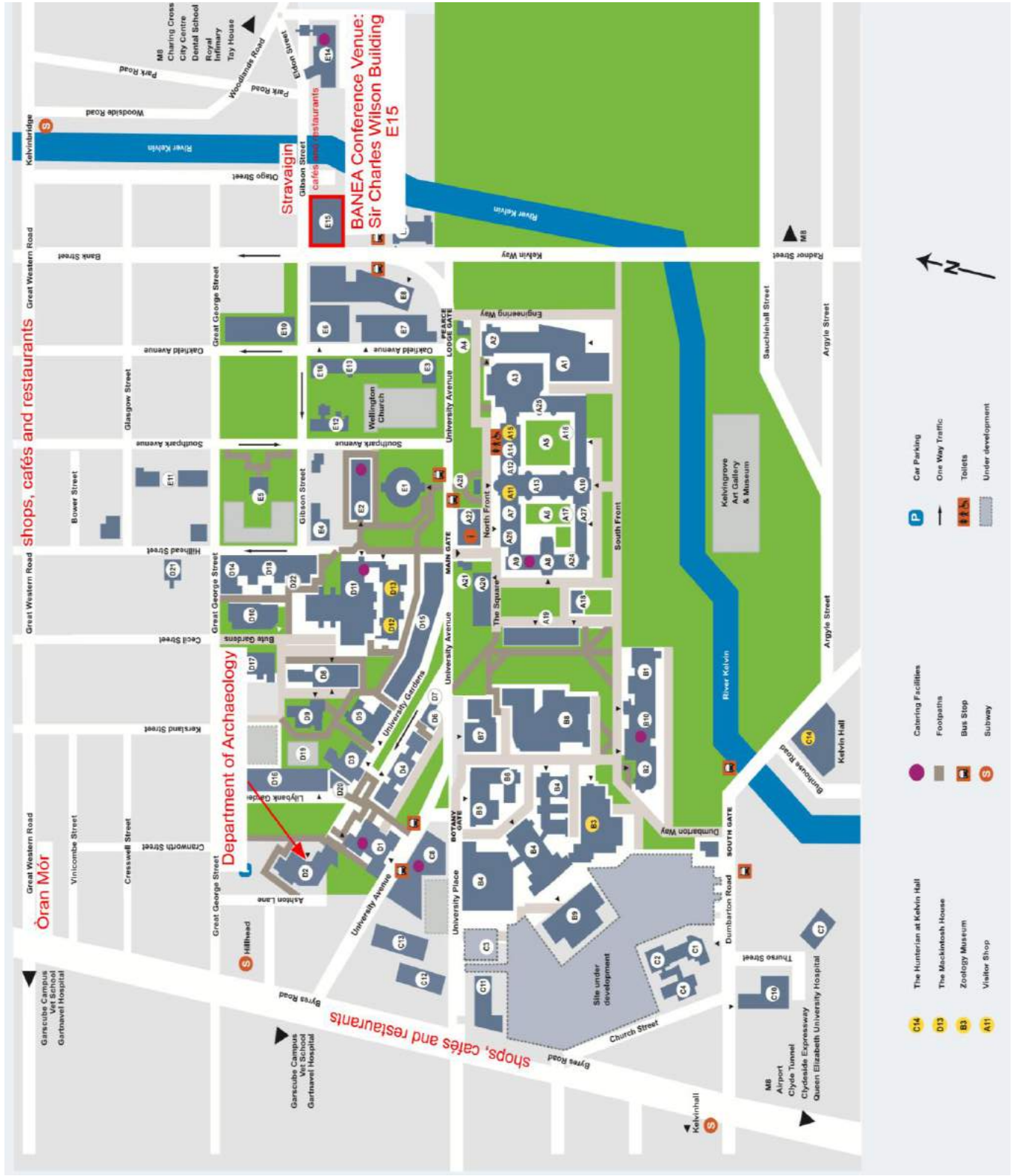


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BANEA 2017

Grand Challenges and Blue Skies in the study of the Ancient Near East

**University of Glasgow
4-6 January 2017**

www.banea2017.org

Conference Organiser

Claudia Glatz

Organising Committee

University of Glasgow: Francesca Chelazzi, Michael Given, Neil Erskine, Susanna Harris, Angela Massafra, Elsa Perruchini, Donna Yates

University of Edinburgh: Joanne Rowlands, Ulf-Dietrich Schoop

Acknowledgements

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| Registration from 8:30am, Foyer (Sir Charles Wilson Building) | | | |
|--|--|-------------------------|------------------------------|
| Wednesday 4th January | Lecture Theatre | Seminar Room A | Seminar Room B |
| | Water History | Archaeometry pottery | Materials and Technologies |
| | 10:40 Coffee | | |
| | Water History | Archaeometry pottery | Materials and Technologies |
| | 12:50 Lunch/BANEA Steering Committee Meeting | | |
| | Water History | Archaeometry pottery | Scientific approaches |
| | 15:40 Coffee | | |
| | Landscapes of transition | Community Archaeology | Scientific approaches |
| | 17:30 Plenary lecture (Lecture Theatre) | | |
| | 18:30 Drinks reception | | |
| | 19:30 Conference dinner at Stravaigin | | |
| | Thursday 5th January | Current work in Iraq | Big Data |
| 10:40 Coffee | | | |
| Current work in Iraq | | Big Data | Routine, Memory, Performance |
| 12:50 Lunch | | | |
| Current work in Iraq | | Archaeology of Islam | Routine, Memory, Performance |
| 15:40 Coffee/Poster Session | | | |
| Mesopotamia and beyond | | Archaeology of Islam | Levant and Egypt |
| 17:45 BANEA AGM (Lecture Theatre) | | | |
| 19:30 Ceilidh at Oran Mor | | | |
| Friday 6th January | Archaeology in and of conflict | Neolithisation | Consuming Cloths |
| | 10:40 Coffee | | |
| | Archaeology in and of conflict | Neolithisation | Consuming Cloths |
| | 12:50 Lunch | | |
| | Archaeologies of conflict | Scientific chronologies | Consuming Cloths |

PROGRAMME

Abstracts are online at www.banea2017.org

Wednesday, 4 January 2017

Interdisciplinary Approaches to Water History

Lecture Theatre

Southern Mesopotamia and the Near East. Chair: D. Keenan-Jones

9:00 Water management system in Third Millennium Southern Mesopotamian Towns

Eloisa Casadei

9:25 The Sasanian irrigation system in southern Mesopotamia: the end of natural rivers controlling human settlement patterns

Jaafar Jotheri

9:50 Recording endangered water management in the Middle East and North Africa

Louise Rayne

10:15 The raw material of fiction. Empire building in water systems in the Ancient Near East

Maurits W. Ertsen

10:40

Interdisciplinary Approaches to Water History

Lecture Theatre

Landscape, Technology and Water. Chair: Jim Crow

11:10 Land, Water and Settlement and TwoRains: multi-disciplinary approaches to exploring human/environment relationships in Indus northwest India

Cameron Petrie, Jennifer Bates, Yama Dixit, Charles French, David A. Hodell, Penelope Jones, Carla Lancelotti, Frank Lynam, Sayantani Neogi, Hector Orengo, A.K. Pandey, Danika Parikh, Vikas Pawar, David Ian Redhouse, Dheerendra Pratap Singh, and Ravindra Nath Singh

Interdisciplinary and Archaeometric Approaches to Plain Pottery Traditions

Seminar Room A

Chair: Daniel Calderbank and Elsa Perruchini

9:00 The Many Dimensions of Plain Ware Pottery in Late Bronze Age Cyprus: an examination of a potters' community at Alassa

Ariane Jacobs

9:25 Instruments of Imperialism? What transport jars reveal about economy and administration in the earliest world empires

Kamal Badreshany, Aaron Schmitt and Evgenia Tachatou

9:50 Application of Archaeometric approaches to the Uruk Ceramics from Gurga Çiya, Iraqi Kurdistan

Michael Lewis

10:15 Fingerprints and Gendered Social Change in the Tell Leilan Ceramic Industry

Akiva Sanders

Coffee

Interdisciplinary and Archaeometric Approaches to Plain Pottery Traditions

Seminar Room A

Chair: Daniel Calderbank and Elsa Perruchini

11:10 Under the influence: communal drinking, ceramic styles and identity in the 3rd Millennium BC Syrian Jezirah

Melissa Sharp

Encounters with Materials and Technologies

Seminar Room B

Chair: Emma Baysal

9:00 Obsidian in the Near East: large samples and new insights

Stuart Campbell, Elizabeth Healey and Osamu Maeda

9:25 Lithic industries in metal using societies: some insights about socio-economic structures of the Southern Levant

Francesca Manclossi

9:50 Stones in the Land of Salt and Clay: Lithic analyses from the 3rd Millennium B.C. site of Abu Tbeirah (Southern Iraq)

Caruso Stefano, D'Errico Davide and Moscone Daniele

10:15 Introducing the Terracotta Herd: Materials and Methods of Figurine Production

Nadia B. Knudsen

Encounters with Materials and Technologies

Seminar Room B

Chair: Stuart Campbell

11:10 Discoverability of Small Things: Historiographies of prehistoric Mesopotamia comparanda

Ellen H. Belcher

11:35 The landscape of Pasargade: new proposals on interaction between man and environment

Nabil Ibroerrida and **Hamidreza Karami**

12:00 Water Clock and Water Management in Ancient Yemen

Mohammed Maraqtan

12:25 Landscapes, mounds and luminescence: New insights into large-scale irrigation systems using chronostratigraphic sequencing methods

Lisa Snape-Kennedy, Ian Bailiff, Dan Lawrence, Andrea Ricci, Kristen Hopper, Eberhard Sauer

11:35 Using Pottery to Identify a "Cultural Region": the case of the Middle Diyala during the 2nd millennium BC

Valentina Oselini

12:00 Food habits and Identities: preliminary results of organic residue analysis of second millennium BC plain pottery from the Sirwan/Upper Diyala Region

Elsa Perruchini, Claudia Glatz and Jaime L. Toney

12:25 *Discussion Time*

11:35 Insignificant things? Learning what beads can tell us about Neolithic Anatolia

Emma L Baysal

12:00 The spread of technological innovations in food, wine and olive oil production in the Near East from the Neolithic to the Roman era

Andrea Squitieri

12:25 Gifts of the Nile –materials which shaped the early Egyptian burial tradition

Joanna Dębowska-Ludwin

12:50

Lunch and BANEA Steering Committee Meeting

Interdisciplinary Approaches to Water History

Lecture Theatre

New Methods at Constantinople.
Chair: Jaafar Jotheri

14:00 Engineering the Water Supply of Byzantine Constantinople: an interdisciplinary project

Jim Crow and **Kate Ward**

14:25 Bringing Water to Constantinople: Construction Management of Late Antiquity's Largest Infrastructure Project

J. Riley Snyder and **Simon Smith**

14:50 Roman aqueduct capacity: a review of the current knowledge and new insights from the study of Byzantine Constantinople

Francesca Ruggeri, Martin Crapper and **Jim Crow**

15:15 Geoarchaeological reconstruction of past water management using travertine

Duncan Keenan-Jones, Davide Motta, Anneleen Foubert, Glenn Fried, Mayandi Sivaguru, Ryan Shosted, Mauricio Perillo, Jamie Toney, Julia Waldsmith, Hong Wang, Marcelo H. Garcia and **Bruce W. Fouke**

Interdisciplinary and Archaeometric Approaches to Plain Pottery Traditions

Seminar Room A

Chair: Ina Berg

14:00 Of Bowls and Beakers: preliminary results and perspectives of the interdisciplinary research on Abu Tbeirah's pottery

Licia Romano, Vanessa Forte, Giulia Festa, Stella Nunziante and **Laura Medeghini**

14:25 Sealand Pottery at Tell Khaiber: a preliminary assessment of technology and the transmission of specialised skill

Daniel Calderbank

14:50 Discussant

Ina Berg

Scientific Analytical Approaches: Ceramic, Clay and Mud-Brick

Seminar Room B

Chair: Possum Pincé

14:00 Ceramic Production and Distribution in the Kur River Basin of Iran during the Kaftari Era, ca. 2200-1600 BC

John R. Alden and **Leah Minc**

14:25 Clay use and administration in Early Dynastic cities of Mesopotamia, 3000-2750 BC: insights from portable x-ray fluorescence analysis

Amy Richardson and **Roger Matthews**

14:50 Smoke 'em if you got 'em? Ceramic sampling of museum collections

Steven Karacic and **James F. Osborne**

15:15 Glaze Technology Transfer from Susa to Persepolis? New Petrochemical Evidence

Negar Abdali

15:40

Coffee

Landscapes of Transition**Lecture Theatre**

Chair: Toby C. Wilkinson

16:00 The Uruk Expansion: A Polarising Force in the North Jazira
Michelle de Gruchy

16:25 Prosperity based on strategic position: Environmental conditions and their role in the development of the fortress and settlement in Metsamor (Armenia) during the Early Iron Age
Mateusz Iskra

16:50 The Nessana Papyri as evidence of transition between Byzantine and Umayyad rule in the periphery
Rachel Bernstein

Community Archaeology**Seminar Room A**

Chair: Joanne Rowlands

16:00 Reconfiguring community engagement: cultural heritage management in Egypt through applied professional training
Sara Perry

16:25 From the ground-up: creating knowledge and action for the development of communities
Aphrodite Sorotou

Discussion: Encouraging Community Participation in Near Eastern Archaeology

Scientific Analytical Approaches: Ceramic, Clay and Mud-Brick**Seminar Room B**

Chair: Negar Abdali

16:00 Handheld X-ray fluorescence spectrometry on Neolithic ceramics from the Kur River Basin (Fars, Iran): new insights into their ceramic production and distribution
Possam Pincé

16:25 Micromorphological characteristics of mud brick in Chogha Zanbil, Khuzestan, Iran
Moein Eslami

Discussion Time

**17:30 PLENARY Lecture: Prof. Susan Pollock (Freie Universität Berlin):
*Imagining Futures: Archaeology in Western Asia***

18:30 DRINKS RECEPTION

19:30 CONFERENCE DINNER at Stravaigin: www.stravaigin.co.uk

Thursday, 5 January 2017

Current Work in Iraq

Lecture Theatre

Chair: Claudia Glatz

9:00 Renewed excavations at Shanidar Cave, Iraqi Kurdistan
Graeme Barker

9:25 Back to the 'hilly flanks'. Epipalaeolithic-early Neolithic excavations in the Chemchal valley and Bazian area by University of Liverpool EFEC project
Eleni Asouti, Douglas Baird and Ceren Kabukcu

9:50 Investigating an Early Neolithic special building at Bestansur, Iraqi Kurdistan
Roger Matthews, Wendy Matthews and Sam Walsh

10:15 Landscapes of Exploitation. Exploring the specialised landscapes and organisational dynamics of early urban societies in Upper Mesopotamia
Tim Boaz Bruun Skuldbøl, Carlo Colantoni and Mette Marie Hald

10:40

Current Work in Iraq

Lecture Theatre

Chair: Roger Matthews

11:10 Excavations at Gird-i Shamlu 2015–2016: A Bronze Age Site in Southern Kurdistan
Simone Mühl and Alexander E. Sollee

Landscapes of Transition and Big Data Approaches

Seminar Room A

Chair: Francesca Chelazzi

9:00 Mobility, control and the persistence of highland occupation in southern Caucasia
William Anderson

9:25 Changing Dynasties – Changing Landscapes? A look at political change and settlement patterns during the Arsacid and Sasanian periods in Southeast-Iran
Fabian Sarga

9:50 Empires and Urbanism: Dealing with large scale settlement data in Middle Eastern Archaeology
Dan Lawrence and Kristen Hopper

10:15 Hearing the land: animated landscapes in Medieval-Modern Cyprus
Michael Given

Coffee

Big Data Approaches

Seminar Room A

Chair: Michael Given

11:10 Big data, big issues: assessing data quality estimation for the integrative and cross-disciplinary analysis of human-environment interactions
Francesca Chelazzi

Routines, Memory and Performance

Seminar Room B

Chair: Angela Massafra

9:00 Mud-floors and embedded information: micro-debris analysis at the site of Abu Tbeirah (Nasiriyah, Iraq)
Susanna Cereda

9:25 A commonplace oddity? Fire treatment of the dead in ancient Kaneš
Yağmur Heffron

9:50 Performance and the Body in Middle Bronze Age Levantine Palaces
Carl Walsh

10:15 A consumer age: Specialty oils in decorative juglets and their role in negotiating social identity in the Middle and Late Bronze Age eastern Mediterranean
Lesley Bushnell

Routines, Memory and Performance

Seminar Room B

Chair: Neil Erskine

11:10 Routine and performance of an imperial encounter: Egypt and Palestine in the 2nd millennium BC
Angela Massafra

11:35 Tell Khaiber: community and control in the countryside of southern Iraq

Stuart Campbell

11:35 Making the data more human: the pre-processing of data as a way toward a 'hybrid archaeology

Simone Bonzano

11:35 Symbols as active conveyers of meaning: Kudurrus of Southern Mesopotamia in the Second and First millennium BC

Silvia Ferreri

12:00 Making Bronze Age communities in the Zagros-Mesopotamian interface: The site of Khani Masi and its regional context

Claudia Glatz and Jesse Casana

12:00 Quantitative experiences in Near Eastern Archaeology: current issues and possible future perspectives

Alessandro Di Ludovico

12:00 Figurines: meaning and performance

Josef Mario Briffa SJ

12:25 Living on the edge of the empires. A case study from the Eastern Habur region, Iraqi Kurdistan

Paola Sconzo, Jason T. Hermann and Alexander Edmonds

12:25 Curious Travellers – retrieving context and imagery for monuments, sites and landscapes threatened by conflict

Andrew S. Wilson, Vince Gaffney, Chris Gaffney, Richard Bates, Eugene Ch'ng, Richard Cuttler, Gareth Sears, Tom Sparrow, Edward Faber

12:25 It's Child's Play: Reconsidering Toys as a Material Category

Benjamin Hinson

12:50

Lunch

Current Work in Iraq

Lecture Theatre

Chair: Graeme Barker

14:00 Archaeological Survey in a Mesopotamian-Zagros Ecotone: Interim Results of the Sirwan Regional Project,

Jesse Casana and Claudia Glatz

14:25 The Peshdar Plain project 2015 & 2016: Investigating a Major Assyrian Settlement on The Empire's Eastern Frontier

Karen Radner, Janoscha Kreppner and Andrea Squitieri

14:50 Settlement and Water Management on the Erbil Plain, Kurdistan Region of Iraq

Jason Ur and Nader Babakir

15:15 The Qalatga Darband Archaeological Project

John Macginnis and Kamal Rasheed

15:40

Archaeology of Islam in the Near East

Seminar Room A

Chair: Andrew Petersen

14:00 A study of south Jordanian Islamic holy sites located near ancient structures

Päivi Miettunen

14:25 Silken shrouds: Thoughts on new evidence concerning burial customs in the eastern Islamic world

Jochen Sokoly

14:50 Islamic views on the archaeology of human remains

Lewis Turner

Discussion Time

Coffee and POSTER SESSION

Routines, Memory and Performance

Seminar Room B

Chair: Yağmur Heffron

14:00 Tells: Persistence and Emergence

Bruce Routledge

14:25 The rosette motif as a mode of non-verbal communication: An analysis of the motif's deliberate concealment in the contexts of ritual consumption and elite feasting

Cheryl Hart

14:50 'Feeding Hattusha': Archaeobotany and Agriculture at the Hittite Capital

Charlotte Diffey, Reinder Neef and Amy Bogaard

15:15 Down on the farm in Mesopotamia: undiscovered 'local' donkeys

Jill Goulder

Mesopotamia and Beyond

Lecture Theatre

Chair: Wendy Matthews

16:00 Tell Abu Salabikh: Glyptic in Context

Harriet Martin

16:25 Kassites east of the Tigris

Tim Clayden

16:50 The Early Stages of the Kingdom of Judah

Yosef Garfinkel

17:15 Archaeology in Afghanistan: recent discoveries, current state of research, new developments

Warwick Ball

Archaeology of Islam in the Near East

Seminar Room A

Chair: Jochen Sokloly

16:00 The archaeology of Muslim burial in Qatar

Andrew Petersen

16:25 The Islamic archaeology of the Otrar Oasis Kazakhstan

Giles Dawkes

16:50 The Malwiyya at Samarra: Pioneering architecture or Abbasid folly?

Benjamin Dale

Discussion Time

Recent Work in the Levant and Egypt

Seminar Room B

Chair: Bruce Routledge

16:00 Visual art of ancient Hebrew seals as a window to understanding the Biblical world

Meir Lubetski

16:25 A Day at the Seaside: The Kubba Coastal Survey Project, Northern Lebanon

Jennie Bardbury

16:50 Fieldwork at Koubba, North Lebanon 2015-16: one of many pathways to 'complexity'

Graham Philip

17:15 New excavations at Amarna's cemeteries: difficult demographics and uncomfortable questions

Mary Shepperson

17:45 BANE Annual General Meeting (Lecture Theatre)

19:30 Ceilidh at Oran Mor: www.Oranmor.co.uk

Friday, 6 January 2017

Archaeology in and of Conflict**Lecture Theatre**

Chair: Simone Bonzano

9:00 Conflict as cultural interaction: the case of Urartu**Dan Socaciu****9:25** "Against Him May Celestial Tarhunza Come Fatally": Early Iron Age northern Syria at war, c. 1000-650 BCE**Thomas James****9:50** What remains of conquest? Measuring the impact of the Mongols on the cities of Central Asia and the Caucasus**Katie Campbell***Discussion Time***10:40****Archaeology in and of Conflict****Lecture Theatre**

Chair: Graham Philip

11:10 Satellite imagery-based monitoring of archaeological site damage in the Syrian civil war**Jesse Casana** and **Elise Jakoby Laugier****11:35** ISIS and heritage destruction: A sentiment analysis**Emma Cunliffe**, **Luigi Curini**, and **Stefano Iacus****New Approaches to the Question of Neolithisation in the Near East****Seminar Room A**

Chair: Joanne Rowland

9:00 On research into plant domestication across the Near East and how plant aDNA is forwarding this work**Robin Allaby****9:25** Mountain ecology, early goat husbandry, and human sedentarization in the Neolithic Zagros uplands**Robin Bendrey****9:50** Climate and Neolithic communities in the Near East: Assessing potential effects of Early Holocene rapid climate change events on societies on an inter-regional, regional, and site specific scale**Pascal Flohr**, **Dominik Fleitmann**, **Roger Matthews** and **Wendy Matthews***Discussion Time***Coffee****New approaches to the Question of Neolithisation in the Near East****Seminar Room A**

Chair: Robin Bendrey

11:10 The origins of the Neolithic Lower Egyptian pottery reconsidered: Some new thoughts on the old case**Agnieszka Mączyńska****11:35** Networks of knowledge: scales of chronology and clay technologies in the Eastern Fertile Crescent**Amy Richardson****Consuming Cloths: Textile Values in the Near East****Seminar Room B**

Chair: Toby C. Wilkinson

9:25 Woven wealth: what is a valuable textile and how do we identify it?**Susanna Harris****9:50** Where did the colors go? Looking for the colorization of textiles and its implications between the Neolithic and the urbanization in the ANE**Sarah Dermech***Discussion Time***Consuming Cloths: Textile Values in the Near East****Seminar Room B**

Chair: Margarita Gleba

11:10 Dressing up the town: textiles and the spatial expansion of urban life**Toby C. Wilkinson****11:35** Urbanism, Landscape Archaeology and...Textiles? Settlement patterns and social organisation during the Late Chalcolithic and Early Bronze Age in the Northern Fertile Crescent**Dan Lawrence**

12:00 Archaeology and the Iran-Iraq war in Basra province: The case of Charax Spasinou

Mary Shepperson

Discussion Time

12:50

Archaeologies of Conflict

Lecture Theatre

Chair: Roger Matthews

14:00 Negotiating power relations via ancient heritage: The example of Egypt

Christian Langer

14:25 Who Should Be the Decision-Makers in Post-Conflict Times?

Nour A. Munawar

14:50 The least we can do: international failure to protect West Asian antiquities

Donna Yates

Discussion Time

12:00 Re-assessing change during the Neolithic at Merimde Beni Salama: environment and adaptation in the western Nile Delta

Joanne Rowland

12:25 Bifacials, Blades and Bladelets in the Neolithisation of Lower Egypt

G. J. Tassie

Lunch

Scientific Chronologies in South-west Asia

Seminar Room A

Chair: Piotr Jacobsson

14:00 A new radiocarbon chronology for Abu Salabikh, Iraq

Maciej M. Wencel

14:25 Establishing synchronicity between climate and culture using quality-checked dating evidence: the New Reading Middle East Radiocarbon Database

Pascal Flohr, Dominik Fleitmann, Wendy Matthews, Roger Matthews

14:50 Shells and Radiocarbon – Dating of difficult archaeological sites in the Eastern Mediterranean and Middle East

E.A. Hill

15:15 The mystery of the ghost Chalcolithic at 'Ain Ghazal and the Khirokitian buildings at Kalavassos-Tenta, or what is pre-treatment and why does it matter?

Piotr Jacobsson

15:40 Taphonomy, pise and plateaus: a Bayesian radiocarbon chronology from WF16, a Pre-Pottery Neolithic site at Wadi Faynan, Jordan

Karen Wicks

12:00 Egyptian textile production, the view from Gurob: a 'harem palace' or a royal administrative and distribution centre in the Faiyum?

Jan Picton

Discussion Time

Consuming Cloths: Textile Values in the Near East

Seminar Room B

Chair: Susanna Harris

14:00 The Manufacture and Use of Textile Production Tools at Tell Tayinat: Reconstructing an Early Iron Age Production System

David Lumb

14:25 Making meaning and reinforcing roles: the consumption of manufacturing experiences as a mechanism for social reproduction

Neil Erskine

14:50 Defining the value of wool in the Iron Age: The case of textiles from Timna (Israel)

Margarita Gleba, Orit Shamir, Vanessa Workman, Naama Sukenik and Erez Ben-Yosef

Discussion Time

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