

# Heritage science education in a changing world

{ Warsaw,  
6th April 2011  
International  
Workshop



Copernicus Science Centre in Warsaw  
ul. Wybrzeże Kościuszkowskie 20

# Workshop programme

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**9.00–10.00**

Registration

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**10.00–10.15**

Welcome – Piotr Żuchowski, Secretary of State, Ministry of Culture and National Heritage

The Ministry of Culture and National Heritage coordinates heritage protection in Poland. It supports not only heritage institutions but also the advanced education within the heritage field. The Ministry participates in the Net-Heritage project, which is the first significant initiative which has set out to coordinate national RTD programmes of European countries, and support European programmes in research applied to the protection of tangible cultural heritage.

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**10.15–10.35**

House of Lords Science and Technology Inquiry on Science and Heritage – Baroness Sharp of Guildford

Baroness Sharp of Guildford, Chairman of the House of Lords Science and Technology Inquiry on Science and Heritage will speak on the background and impact of the Inquiry.

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**10.35–11.00**

Coffee break

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**11.00–11.40**

Profile of the 21st century PhD student – Professor Peter Brimblecombe

Peter Brimblecombe will present the implementation of the recommendations of

‘The report of Sir Gareth Roberts’ Review’ at East Anglia University. This national review was commissioned as part of the Government’s productivity and innovation strategy to look into the supply of people with science, technology, engineering and mathematics skills in the UK.

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**11.40–12.20**

The Net-Heritage project and introduction to the afternoon session – Dr. Łukasz Bratasz

Łukasz Bratasz will present the Net-Heritage project and one of its main outcomes, a set of recommendations forming the Framework for Advanced Education in the field of conservation-restoration and science for conservation. He will also introduce the afternoon workshops which will serve as model examples of knowledge transfer between research and heritage field.

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**12.20–12.50**

Refreshments

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**12.50–15.30**

Knowledge Exchange Workshops

Knowledge exchange workshops have been identified as the most important and effective way of transferring research results to the practitioners working in the field. Two pilot workshops of the Net-Heritage project will operate in parallel to demonstrate this.

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**15.30**

Lunch

## Knowledge exchange workshops

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Professor Peter Brimblecombe – Managing heritage and access in an uncertain future

The workshop will examine the impact of global climate change on architecture and conservation of outdoor materials. Global climate change may also affect the visitors' habits and preferences. This social change can in turn influence the use patterns of heritage and therefore impact economics and management. Lectures will be followed by an interactive heritage game for the workshop participants that should allow them to explore the potential impact of climate change on European cultural heritage.

Peter Brimblecombe is a Professor in Atmospheric Chemistry in the School of Environmental Sciences, and Director of the Science Graduate School that offers training to the PhD Programme at University of East Anglia and was appointed senior editor of *Atmospheric Environment* in 1990. He has been involved in European Commission cultural heritage projects in FP4, FP5 and FP6 including the *NOAH's ARK* looking at impact of climate change on heritage. He has advised the Council of Europe, the European Parliament and the House of Lords on heritage science. Peter Brimblecombe has extensive experience in delivering workshops aimed at knowledge transfer between research and heritage practice.

Dr. Matija Strlič – E=MC<sup>2</sup>: Efficiency is Micro-Climate Control

Micro-climate control is an alternative to environmental management of large indoor environments. The workshop will introduce the principles of microclimate (MC) management and potential benefits of anoxia, a specialised form of MC frames with low-oxygen environment. The hands-on workshop will examine the objects, the anoxic encasements, as well as the interaction of objects with closed environments, including the 'smell' of historic objects. A collections care decision-making process will be discussed through case studies.

Matija Strlič is Senior Lecturer at the Centre for Sustainable Heritage, University College London. He is an editor of *e-Preservation Science* and several books on preservation of heritage materials. He has been involved in many European Commission projects, including FP5, FP6 and FP7 and coordinated two. He is the Principal Investigator of the UK AHRC/ EPSRC Science and Heritage Programme project Collections Demography (2010–2013) and a Co-Investigator on Heritage Smells! (2010–2013). Matija Strlič organised a number of workshops for conservators and scientists, and is the Course Director of the MRes in Heritage Science at University College London, Centre for Sustainable Heritage.



Net-Heritage – European Network  
on Research Programme Applied to the  
Protection of Tangible Cultural Heritage.

The International Workshop – Heritage  
science education in a changing world –  
is organised to disseminate the approach  
developed by the Net-Heritage project.

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**Organisers:**

Ministry of Culture and National  
Heritage, Poland  
The National Museum in Krakow, Poland

**Net-Heritage project coordinator:**

- Ministry for Cultural Heritage  
and Activities (MiBAC), Italy

**Net-Heritage project partners:**

- Ministry of Education, University and  
Research (MIUR), Italy
- Belgian Federal Science Policy (BFSP),  
Belgium
- Ministry of Education and Science  
(MES), Bulgaria

- Ministry of Culture and Communication  
(MCC), France
- German Federal Foundation for the  
Environment (DBU), Germany
- Hellenic Ministry of Culture (HMC),  
Greece
- Archaeological Heritage Agency of  
Iceland (MCI), Iceland
- The State Inspection for Heritage  
Protection (VKPAI), Latvia
- Heritage Malta (HM), Malta
- Ministry of Culture and National  
Heritage (MKDN), Poland
- National Centre for Programme  
Management (CNMP), Romania
- Ministry of Culture (MK), Slovenia
- Ministry of Education (MEC), Spain
- Arts and Humanities Research Council  
(AHRC), United Kingdom

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