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Milano



Civico Museo Archeologico



Ludwig Boltzmann Institute
Archaeological Prospection and Virtual Archaeology



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ORDINE DEGLI ARCHITETTI,
PIANIFICATORI, PAESAGGISTI E CONSERVATORI
DELLA PROVINCIA DI MILANO

Communication and External Relation

centrobeniculturali@polimi.it

Piazza Leonardo da Vinci, 32 - 20133 Milano

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Registration is required at the following link:

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POLITECNICO
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CULTURAL
HERITAGE
CENTER



Laboratorio FDS
FISICA DIGITALE SPATIALE

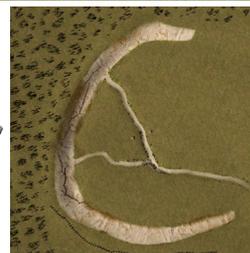
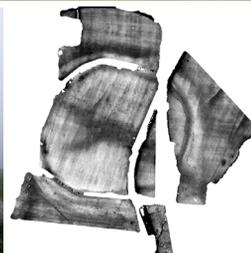
Workshop

Science and technology at Stonehenge: new methods and results

18 Maggio 2016 ore 9.30

Aula Rogers - Edificio 11

Via Ampère, 2 - Milano



Introduction

Stonehenge, one of the most inspiring and mysterious Neolithic site, has been studied for centuries to find a persuasive interpretation of this apparently isolated collection of huge standing stones. The new discoveries recently announced by an international team of archaeologists and scientists who mapped a series of at least 100 standing stones buried at a site just a few kilometres from Stonehenge bring new perspectives on the interpretation of this archeological landscape and stimulate a revision of the theories that were built around this Neolithic icon.

The discovery is the pinnacle of a five-year project by The Stonehenge Hidden Landscapes team, which is using the latest technology to create underground maps of a huge area surrounding Stonehenge without the need for time-consuming digging operations. Using motorized systems equipped with magnetometers, ground-penetrating radar arrays and electromagnetic induction sensors and controlled by modern navigation tools, the team collected an impressive amount of geo-referenced data that after proper processing revealed the three-dimensional structure of the archeological targets down to a depth of several meters.

The Cultural Heritage Center of Politecnico di Milano together with the FDS Laboratory for the Communication of Science are very proud to give to a large audience of university researchers and teachers, students, archaeologists, architects and professionals the chance to meet protagonists and other experts to hear more about these exciting news and related implications for the management of an archeological site of this importance.

Program

9.30 *Opening*

Prof. Manuela Grecchi

Politecnico di Milano - Vice Rector

Prof. Lucia Toniolo

Politecnico di Milano - President of Cultural Heritage Center

Dr. Marco Edoardo Minoja

Ministero dei Beni e delle Attività Culturali e del Turismo -
Regional Secretary of Lombardia

Dr. Donatella Caporusso

Comune di Milano - Chief Conservator of Civic Archaeological
Museum

10.30 *Contributions*

Prof. Giulio Magli

Politecnico di Milano, Cultural Heritage Center - Department of
Mathematics

Architecture, astronomy and sacred landscape in Neolithic Europe

Prof. Clive Ruggles

Emeritus Professor of University of Leicester, UK

Dr. Amanda Chadburn

Historic England - Senior National Rural & Environmental
Adviser

*Recording and managing the astronomical importance of the
Stonehenge World Heritage Site*

Prof. Luigi Zanzi

Politecnico di Milano, Cultural Heritage Center - Department of
Civil and Environmental Engineering

Geophysical technologies for archaeological prospections

Dr. Immo Trinks

Ludwig Boltzmann Institute - Archaeological Prospection and
Virtual Archaeology

*The Stonehenge Hidden Landscapes Project - archaeological
prospection at unprecedented scale and resolution. Objective,
methods, technology and preliminary results*

13.00 *Questions and closing remarks*

13.30 *Aperitif*

