IPERIONIDES

The Newsletter of IPERION CH

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Welcome to the IPERION-**CH** Newsletter!

This Newsletter is intended to be a communication vehicle for both internal information for participants and external dissemination for any party interested in the IPERION-CH activities.

This is only possible thanks to your collaboration.

All contributions are welcome!

What's Going On in IPERION-CH?

IPERION-CH: goals and perspectives

Luca Pezzati, Coordinator of IPERION-CH

Counting 24 partner institutions, 3 access platforms with 23 facilities across 13 Countries, IPERION CH is the most recent project in a long line of Integrating Activities supported by the EC aiming to establish a European Research Infrastructure for Heritage Science. More than 100 researchers per year access IPERION CH services and training events. IPERION CH is a healthy project whose missions are going to be fully accomplished before its end in April 2019.

(Read more...)

TNA Spotlight

MOLAB: MacSTONE Project

Access to portable instrumentation designed to carry out non-invasive analysis and examination were provided by French, Italian, Greek and German MOLAB partners to the Mackintosh school of Art, Glasgow, Scotland. The main aim of the **MacSTONE** project, was to assess the devastating effects of a 2014 fire, with particular reference to the sandstone walls of the library. Examinations in-situ by portable reflection mid-infrared, thermography, digital holographic speckle pattern interferometry and nuclear magnetic resonance were conducted to assess the structural impact so as to contribute to restorative efforts.

(Read more...)

FIXLAB: BronzeSilverMet

Access to the Institute for Nuclear Research, Hungarian Academy of Sciences (MTA Atomki), belonging to the FIXLAB TNA ... platform was granted to the **BronzeSilverMet** project to examine some of their samples. The main objectives in this research was to gain new insight into the metallurgical procedures used by the ancient populations of the Romania's territory, using microPIXE to examine Dacian and Roman silver items, coins and adornments and Histria bronze monetary issues.

(Read more...)

ARCHLAB: GOYA

Access through the ARCHLAB platform to the analytical laboratories and documentation centre at El Prado was granted to the **GOYA** project. Technical evidence gathered during previous examinations of portraits in the Prado collection, by the artist Francisco de Goya y Lucientes, allowed the researchers to distinguish and characterize important aspects of the artist's painting techniques and choice of materials. During their visit the researchers were also able to supplement their study by re-examining the Prado's range of historic painting samples, previously taken from Goya's paintings, using visible light and SEM-EDX microscopy.

(Read more...)

Meet Your Partners!

Trying to change the way heritage science is made: interview with Luca Pezzati

Luca Pezzati, physicist, "doing my best to become a heritage scientist". Formerly a researcher with the National Research Council of Italy. He's still there but doing a lot of administrative, political and diplomatic stuff. He is the coordinator of IPERION CH.

Soon after the beginning of the project, he submitted to ESFRI the plan for a permanent European Research Infrastructure for Heritage Science. That is how E-RIHS was born in 2016, pushed by a group of visionary friends trying to change the way heritage science is made, and the way it's intended by fellow scientists and stakeholders. The only drawback, he says, is that now he's also the coordinator of E-RIHS.

(Read more...)

Did You Miss It?

NINMACH 2017 The second International Conference on Neutron Imaging and Neutron Methods in Archaeology and Cultural Heritage

Hungarian Academy of Sciences, Budapest, Hungary, 11-13 October 2017

The mission of the NINMACH conference series is to address neutron scientists, as well as archaeologists and conservators, by creating a stimulating environment to exchange ideas and to make a bridge between them. Since the first NINMACH took place in Carching, Germany in 2013, this field became even more mature, substantial experimental experience was accumulated, and an advanced community of specialists was formed. In 2017, the Hungarian neutron and cultural heritage communities received the honour to organize the second NINMACH.

The three-days-long meeting took place in the landmark building of the Hungarian Academy of Sciences, right next to the famous UNESCO world heritage river banks in Budapest, Hungary. The event was organized by the Budapest Neutron Centre, the consortium of Centre for Energy Research and Wigner Research Centre for Physics, Hungarian Academy of Sciences, in cooperation with the International Atomic Energy Agency (IAEA).

(Read more...)

Press Reviews

La Rioja - Arte y ciencia, de la mano por Europa

APRE Magazine n.1 - E-RIHS, European Research Infrastructure for Heritage Science, intervista al coordinatore di uno dei 6 nuovi progetti della ESFRI roadmap (p. 19-20)

Ansa.it - A scientific and technological task force for Cultural Heritage

Upcoming Events

Tempera painting between 1800 and 1950 Experiments and innovations from the Nazarene movement to abstract art

March 15-17, 2018
Pinakothek der Moderne,
Bayerische Staatsgemäldesammlungen, Barer Straße 29 - Munich, Germany

The conference will be held at the Pinakothek der Moderne, Bayerische Staatsgemäldesammlungen Munich hosted by the Doerner Institut, in cooperation with the Academy of Fine Arts, Munich and funded by VolkswagenStiftung and the EU project H2020 IPERION CH. Participants can look forward to a diverse three-day programme consisting of lectures, poster sessions, full-day workshops and guided tours

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2nd IPERION CH Training Camp: Non-destructive tools for the diagnosis of paintings in immovable Cultural Heritage

March 19-23, 2018
St Ayoul Church in Provins
2 Cour des Bénédictins, Provins-Seine-et-Marne, Ile-de-France, France

The Training Camp will offer the opportunity for a hands-on training regarding the functioning of the MOLAB platform (The MObileLABoratory) of IPERION CH, which gives access to an impressive collection of advanced mobile analytical instrumentation for non-invasive measurements on precious, fragile or immovable objects, archaeological sites and historical monuments. This Training Camp will offer practical training for the MOLAB, and will show trainees and students how science can contribute to the identification and evaluation of conservation posed by all kind of immovable artefacts (paintings, architectural painted decorations, stones etc...).

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IPERION CH

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