

# IPERIONIDES

The Newsletter of IPERION CH

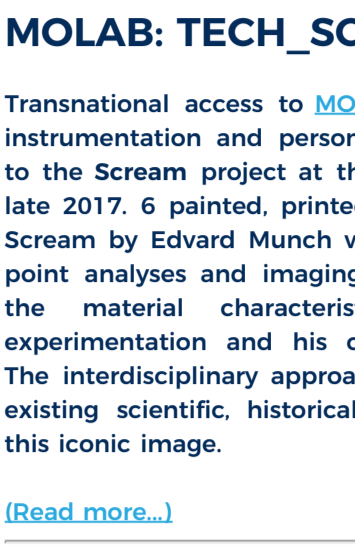
Newsletter issue n° 2 - June 2018

## 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 Achievements

Luca Pezzati, Coordinator of IPERION-CH

IPERION CH, the unique European Research Infrastructure for conservation and restoration of cultural heritage, just completed three years and a half of its lifespan supporting heritage science research. It is a good time now to review goals and achievements. It was a common belief that art and science be far apart fields, now that is not anymore true. Heritage science is the multidisciplinary domain where knowledge is created by new ways of working together across old disciplinary fences

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### TNA Spotlight

#### MOLAB: TECH\_SCREAM\_TECH

Transnational access to MOLAB's portable non-invasive instrumentation and personnel's expertise was granted to the Scream project at the Munchmuseum, Norway in late 2017. 6 painted, printed and drawn versions of the Scream by Edvard Munch were objects of spectroscopic point analyses and imaging examinations to elucidate the material characteristics of Munch's artistic experimentation and his contribution to modern art. The interdisciplinary approach was used to deepen the existing scientific, historical and artistic knowledge of this iconic image.

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#### FIXLAB: MICROPIXETEX

Investigations at MTA ATOMKI, Hungary of the EIXLAB platform were awarded to 50 medieval textiles from Moldavia, Wallachia, Italy and Ottoman Empire to gain new insights into the technological and morphological characteristics of the luxurious metal threads. By advanced PIXE microbeam bulk analysis and elemental mapping, a simultaneous determination of the composition and distribution of the elements of metal and flat metal wires from dyed embroideries and velvet brocade garments provided information for important authentication, attribution and provenience purposes.

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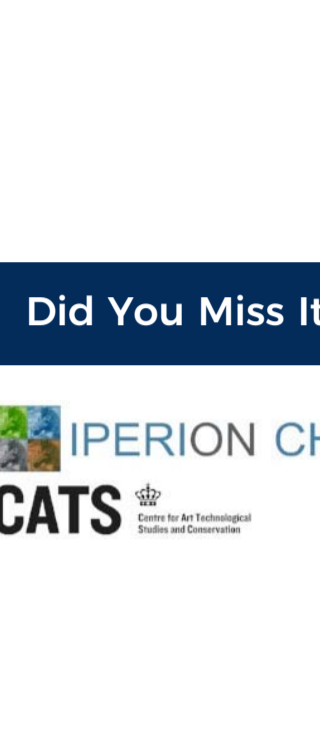
#### ARCLAB: Champlévé Enamels from Berlin Museums, widening statistics and knowledge on Medieval champlévé enamelling

Access to the ARCLAB Rathgen Research Laboratory (SPK) facility was given to integrate in-house  $\mu$ -XRF and Raman data on Medieval Champlévé enamels to a set from the Kunstgewerbemuseum, Berlin, to provide an insight on Romanesque Medieval enamels, fine art of ancient goldsmiths. These studies allowed wide discussions on how productions evolved, how they were interconnected and linked with previous manufacturers. Moreover, technical features and materials of modern Limoges copies were identified with common characteristics for both champlévé and painted enamels.

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### Meet Your Partners!



#### Participating in the challenging adventure of creating a unique European Infrastructure on Heritage Science: interview with Costanza Miliani

Costanza Miliani, "complex problems facing heritage science require skills and knowledge from a diversity of disciplines", chemist, is senior researcher at the Institute of Molecular Science and Technologies, National Research Council (CNR-ISTM) in Perugia. Within IPERION CH she is known as the leader of WPS, TAs - MOLAB: access to mobile laboratories, and Chair of the Access Board. The access to the MOLAB facility, made of instruments and skills of 5 different European providers, requires laborious management and serious experimental work including travel/transport logistics, solution of technical problems, and high skills in the execution/interpretation of the measurement. Her and her team's job implies continuous interactions with the MOLAB providers and users, in order to ensure an efficient and effective development of each campaign.

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### Did You Miss It?



#### IPERION CH 3rd Annual Meeting

Royal Danish Academy of Fine Arts, Schools of Architecture, Design and Conservation (KADK), Copenhagen, Denmark, 18-20 April 2018

The 3rd IPERION CH Annual Meeting took place in Copenhagen, Denmark, on April 18th- 20th, 2018. The meeting was hosted by KADK - the Royal Danish Academy of Fine Arts, Schools of Architecture, Design and Conservation - in their downtown Copenhagen campus. KADK is one of the three partners in CATS (the other being the National Museum of Denmark and Statens Museum for Kunst), the Danish IPERION-CH group.

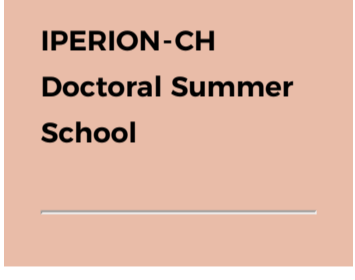
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#### TEMPERA 2018 Conference

Tempéra painting between 1800 and 1950  
Pinakothek der Moderne, Munich, Germany, 15-17 March 2018

The international conference "Tempéra painting between 1800 and 1950. Experiments and innovations from the Nazarene movement to abstract art", hosted by the Doerner Institut of the Bavarian State Painting Collections, was held from 15-17 March 2018 in Munich. More than 270 participants encountered 2 cross-disciplinary lecture days at the Pinakothek der Moderne. The third day offered the opportunity to gain hands-on experience in 10 workshops and to visit case studies in Munich museums. Postprint publication is planned in spring 2019.

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#### 2nd IPERION CH TRAINING CAMP

Non-destructive tools for the diagnosis of paintings in immovable Cultural Heritage  
St Ayoul Church, Provins, France, 19-23 March 2018

The National Centre for Scientific Research (CNRS) and the French Laboratory of Research on Historical Buildings (LRMH) are organizing the 2nd IPERION CH Training Camp, which took place at St Ayoul Church in Provins (France) from 19th-23th March 2018. The Training Camp offered the opportunity for a hands-on training regarding the functioning of the MOLAB platform of IPERION CH, which gave access to advanced mobile analytical instrumentation for non-invasive measurements on fragile easel paintings and wall paintings.

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### Press Reviews

EC Information Centre - [Nurturing Europe's cultural heritage expertise](#)

Net4Society - [Success stories: Factsheets on SSH integration in RI](#)

### Upcoming Events

#### 5th International Palaeontological Congress

9-14 July 2018  
Pierre & Marie Curie University and National Museum of Natural History,  
5th arrondissement - Paris, France

Under the auspices of the International Palaeontological Association (IPA) and with the participation of the whole French Palaeontological community, "the Fossil week" will be organized in 2018 in Paris, July 9th-13th.

This event is a unique opportunity for our community to present its new results and discuss all aspects of our discipline.  
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#### IPERION-CH Doctoral Summer School

16-20 July 2018  
Ravenna Campus - Department of Engineering  
Via Tommasi Dall'Ova, 55 - Ravenna, Italy

The IDSS is organised by the University of Bologna and it will focus on "Advances in the characterization, diagnosis and treatment evaluation of heritage materials".  
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#### Gordon Research Conference

22-27 July 2018  
Rey Don Jaime Grand Hotel  
Avinguda de l'Hotel, Castelldefels, Spain

The Gordon Research Conferences provides an international forum for the presentation and discussion of frontier research in the biological, chemical, physical and engineering sciences and their interfaces.  
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#### SR2A-2018 - Synchrotron Radiation and Neutrons in Art and Archaeology Conference

3-7 September 2018  
The Eldon Building, University of Portsmouth  
Winston Churchill Avenue - Portsmouth, UK

Diamond Light Source, the Mary Rose Trust and ISIS Neutron and Muon Source, will organize SR2A-2018. The 8th International Conference on Synchrotron Radiation and Neutrons in Art and Archaeology in Portsmouth, UK.

The SR2A conference focuses on the innovative use of synchrotron and neutron radiation to investigate artistic and archaeological materials and artefacts. The 2018 conference will specifically focus on Technique Advancements for Synchrotron Radiation and Neutrons, Multi-technique Analytical Processes and Complementary Methods, the Impact of Analytical Techniques, Conservation & Monitoring methods, Materials and Processes and Archaeological & Paleontological Advances.  
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#### E-RIHS PP interim meeting

5-7 September 2018  
Warsaw, Poland

The E-RIHS interim meeting will be held in Warsaw, PL. Further information will come soon.  
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#### IIC 2018 Congress

10-14 September 2018  
Politecnico di Torino  
Corso Castellidardo, 39 - Turin, Italy

The 26th biennial IIC Congress Preventive Conservation: The State of the Art. This year's Congress will be held in Turin from 10th -14th September 2018 at the Politecnico di Torino.  
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#### 12th Lacona conference

10-14 September 2018  
Cité de l'architecture et du patrimoine  
7 avenue Albert de Mun - Paris, France

The 12th conference on Lasers in the Conservation of Artworks will take place in Paris.  
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#### The Bruegel Success Story. Symposium XXI for the Study of Underdrawing and Technology in Painting

12-14 September 2018  
Royal Museum of Fine Arts of Belgium  
Place du Musée - Brussels, Belgium

The Royal Institute for Cultural Heritage (KIK/IRPA) organizes the Bruegel Success Story Colloquium in Brussels on 12-14 September 2018. The colloquium is intended for curators, art-historians, conservators and scientists studying painting from the Southern Netherlands in the 16th century.  
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#### IBAF 2018: 7e Rencontre "Ion Beam Applications" Francophone

24-28 September 2018  
Domaine de Châlès  
Route de saint viator Départementale 93 - Nouan-le-Fuzelier, France

Après un tour de France (Nouan-le-Fuzelier 2003, Carcans 2008, Cadarache 2012, Obernai 2014 et Annecy 2016), en passant par la Belgique (Namur 2010), la 7e rencontre "Ion Beam Applications Francophone" (IBAF 2018) organisée par la Société Française du Vide aura lieu de nouveau à Nouan-le-Fuzelier du 24 au 28 septembre 2018 au Domaine de Châlès dans un cadre bucolique au cœur de la Sologne.  
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#### IPERION CH Training Camp

24-28 September 2018  
Casa Museo Remo Brindisi  
Via Nicolò Pisano, 51b - Lido di Spina, Italy

The IPERION CH Training Camp will be held in Lido di Spina (Italy) on 24-28 September, 2018. Details will follow soon.  
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#### IPERION CH 4th interim meeting

16-17 October 2018  
Fondazione Cassa di Risparmio di Firenze  
Via Bufalini, 6 - Florence, Italy

The IPERION CH 4th interim meeting will be held in Florence on 16-17 October, 2018. Details will follow soon.  
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#### International workshop

18 October 2018  
Auditorium S. Apollonia  
Via San Gallo, 25 - Florence, Italy

An international workshop will be held in Florence in Auditorium S. Apollonia. Details will follow soon.  
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#### E-RIHS Day

19 October 2018  
Fondazione Cassa di Risparmio di Firenze  
Via Bufalini, 6 - Florence, Italy

A E-RIHS PP day will be held in Florence, IT on October 19th, 2018. Details will follow soon.  
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#### La Ciencia y el Arte VII

24-26 October 2018  
Prado Museum  
Paseo del Prado - Madrid, Spain

Organized by IPCE and the Prado Museum, the event "La Ciencia y el Arte: Ciencias y tecnologías aplicadas a la conservación del patrimonio" will be held in Madrid in October 24-26, 2018.  
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#### GlazeArt 2018

29-30 October 2018  
LNEC Congress center  
Avenida do Brasil, 101 - Lisbon, Portugal

GlazeArt2018 will dwell on scientific research on tin-glazed ceramics and is a networking activity of H2020 Project IPERION CH and an outcome of the Portuguese-funded FCT-AzuRe Project.  
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#### Bilateral EU-CELAC cooperation initiative meeting in Brazil

28-30 November 2018  
Belo Horizonte, Brasil

A bilateral EU-CELAC cooperation initiative meeting will be held in Belo Horizonte, Brazil, in November 28th-30th, 2018. More details will follow soon.  
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#### Bilateral EU-CELAC cooperation initiative meeting in Mexico

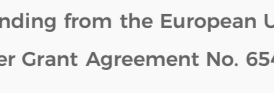
3-5 December 2018  
Mexico City, Mexico

A bilateral EU-CELAC cooperation initiative meeting will be held in Mexico city, Mexico, in December 3th-5th, 2018. Further information will follow soon.  
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#### International Forum on Heritage Science 2018

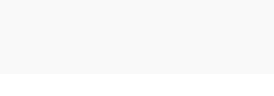
17-19 December 2018 (tbc)  
Evora, Portugal

The International Forum on Heritage Science will be held in Evora, Portugal, in December, 17th-19th, 2018 (tbc). Details will follow soon.  
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