Innovative packaging solutions for storage and conservation of 20th century cultural heritage of artefacts based on cellulose derivatives

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EDITORIAL

Special edition: NEMOSINE training sessions

by PNO

NEMOSINE is entering the final stretch of the project, and some relevant information has been gathered at this point. For that reason, a series of training sessions have been organized with the aim of fostering **a transfer of the knowledge** and technologies developed during the project.

The first sessions will take place in October, being focused on technical specifications and innovation aspects of the research made by NEMOSINE partners. Beyond state of the art, training sessions will cover the following topics:

- Sensoring and wireless control technologies applied to CH
- MOFs, Acetic Acid absorbers and foams solutions for CH preservation

Scientists, technicians, researchers, and other interested public are welcome to participate in these training sessions.

Further information is provided down below.

Two more webinars about storage and preservation of the cultural heritage will be organized a few weeks later; this time addressed through the end-user's approach. This perspective aims to attract mainly end-users as archives and museums as well as universities, stakeholders, related industries, R&D centres, and the public in general.

The NEMOSINE smart package is close to being released. Keep informed about the next events through our social networks:

NEMOSINE has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 760801.

Contents

NEMOSINE in brief

Grant Agreement n.: 760801

Project Coordinator: AIMPLAS

Project website: https://nemosineproject.eu/

Duration: 48 months

Starting date: 01/02/2018

NEMOSINE training sessions

1 Sensoring & Wireless control solutions applied to Cultural Heritage

18th OCTOBER

IoT solutions in Culture Heritage. Wireless sensor control in film archives.

José Luis Angulo

- Mechatronics Engineering in sensory intelligence and smart technology at MIT.
- Senior R&D Automation Engineer at IRIS Technology Solutions developing state-of-the-arte sensor technologies and monitoring systems

José Javier Ruiz

- Computer Science at the University of the Basque Country, Spain.
- Full stack developer in IRIS Technology Solutions

Multi-scale hybrid modelling to predict degradation kinetics of cellulose acetate based movie films

Abeer Al Mohtar

- Research fellow at the Department of Chemical Engineering – Instituto Superior Técnico, Portugal
- Ph.D in Nanotechnology and Optics – University of Technology of Troyes, France
- Master of Science in Physics – American University of Beirut, Lebanon
- Bachelor of Science in Physics - Lebanese University, Lebanon

Nanostructured materials and innovative transduction systems: detection of harmful contaminants in cultural heritage protection

Daniele Zappi

- Master's degree in Analytical Chemistry- Sapienza University of Rome, Italy.
- Doctoral Degree in Chemical Sciences in 2019- Sapienza University of Rome, Italy.
- Expert in sensor and biosensors for a wide array of targets (liquids gaseous matrixes.

Register here >>>

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2 MOFs, Acetic Acid absorbers and foams solutions for Cultural Heritage preservation

27th OCTOBER

Metal-organic frameworks as high-performance adsorbents for cultural heritage preservation.

Cátia Freitas

- Research Fellow at the Department of Chemical Engineering- Instituto Superior Técnico, Portugal
- PhD in Chemistry- Keele University, United Kingdom
- Master of Characterisation Techniques and Chemical Analysis- Minho University, Portugal
- Undergrad in Chemistry- Faculty of Sciences, University of Porto, Portugal

Maria Inês Severino Neves

- PhD student at IMAP (Institut des Máteriaux Poreux de Paris) - Under the direction of Dr. Christian Serre & Dr. Moisés L. Pinto and supervision of Dr. Farid Nouar.
- Master's degree in chemical engineering from Instituto Superior Técnico (IST)

Development of Open Cell foams for efficient gases adsorption. From CO2 capture to vinegar syndrome

Adolfo Benedito Borrás

- PhD degree in Chemistry by the University of Valencia, Spain, focusing on ABS copolymer degradation and recycling capabilities
- Head of the Compounding and Materials Research Departments, AIMPLAS
- Collaborator in PPI (Polymer Processing Institute) at New Jersey (USA)

Register here >>>

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UPCOMING EVENTS...

STAY TUNED

NEMOSINE final event: beginning 2022!

NEMOSINE demonstration videos: November and December 2021!

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