



TRAINING SESSIONS

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



HIGH O₂
BARRIER AND
ACTIVE
PACKAGING



ACTIVE ACID
ADSORBERS



MULTI-SCALE
MODELLING



GAS
DETECTION
SENSORS



PACKAGING
WITH MODULAR
DESIGN



CURATIVE
PACKAGES



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



NEMOSINE is an R&I project funded by the European Commission (GA n. 760801) aimed to improve traditional **Cultural Heritage** storage solutions to preserve visual and audio material by developing an **innovative package** with the primary goal of **energy-saving** and extent **conservation** time.

The project started in February 2018 and is expected to end by next **January 2022**.



Consortium





Online training
Monday, 18th October 2021
from 10:00 to 12:00

Sensing and Wireless control solutions applied to Cultural Heritage

Register here >>>



José Luis Angulo - IRIS (ES)



José Javier Ruiz - IRIS (ES)



Abeer Al Mohtar - IST (PT)



Daniele Zappi - BIOSENSOR (IT)



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Agenda

Sensing & Wireless control solutions applied to Cultural Heritage



Welcome & introduction



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



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



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

Q&A

Presenters



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-art 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



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



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).



Some information

- ▶ For dissemination purposes, this training will be **RECORDED** and will be publicly available.
- ▶ Attendees cannot speak and no one will be able to see them.
- ▶ If you have questions, **please write directly in the chat**. The presenters will answer questions in the Q&A round.



Keep tuned!



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Website: <https://nemosineproject.eu/>



LinkedIn: <https://www.linkedin.com/in/nemosineproject/>



Twitter: <https://twitter.com/nemosineproject>



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For further information or questions:



Training video and presentations
will be available in NEMOSINE
website



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Online training
Wednesday, 27th October 2021
from 10:00 to 12:00

MOFs and Acetic Acid absorbers solutions for Cultural Heritage preservation

Register here >>>



Cátia Freitas - IST (PT)



**Maria Inês Severino Neves
CNRS (FR)**



**Adolfo Benedito Borrás
AIMPLAS (ES)**



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