



# TRAINING SESSIONS

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



HIGH O<sub>2</sub>  
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**  
**Wednesday, 27<sup>th</sup> 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)

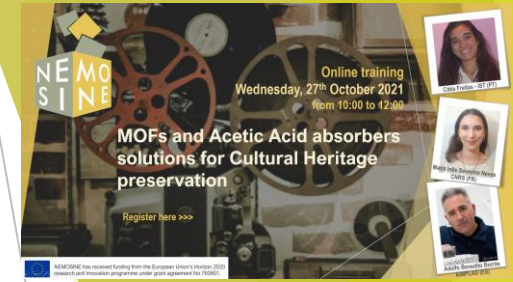
760801 - NEMOSINE

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# Agenda

## MOFs and Acetic Acid absorbers solutions for Cultural Heritage preservation



Welcome & introduction



The World Day for Audiovisual Heritage



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



Development of Open Cell foams for efficient gases adsorption

Q&A

# Presenters



## Juan Ignacio Lahoz Rodrigo

- Head of conservation of the Valencian Film Library-Institut Valencià de Cultura
- He is a film historian
- Principal investigator of this entity in the EU projects NEMOSINE (2018-2022) and COLLECTIONCARE (2019-2022) to monitor the conservation conditions of works of art
- He has organized various workshops on digitization and innovation in the preservation of audiovisual heritage



## 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 Matériaux 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)



## 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)



## 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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## Next activities:

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

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

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

## Upcoming webinars



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